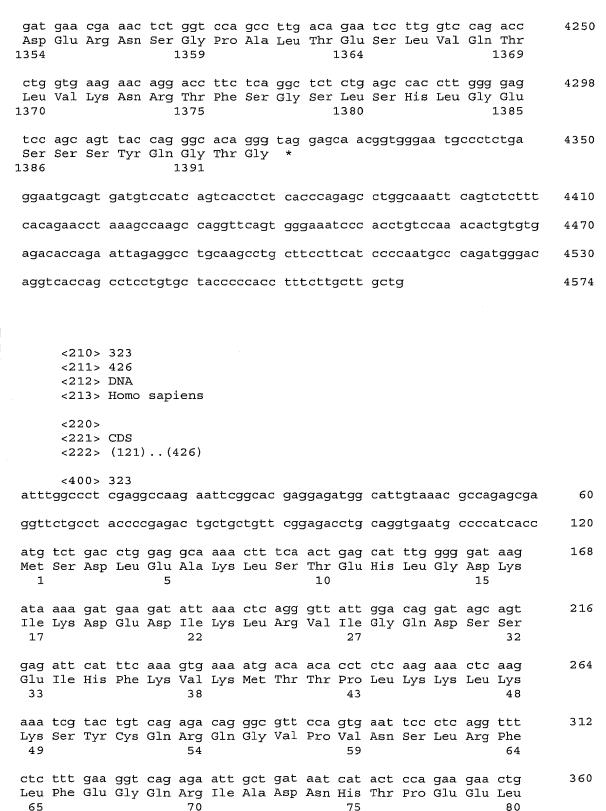
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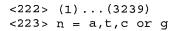
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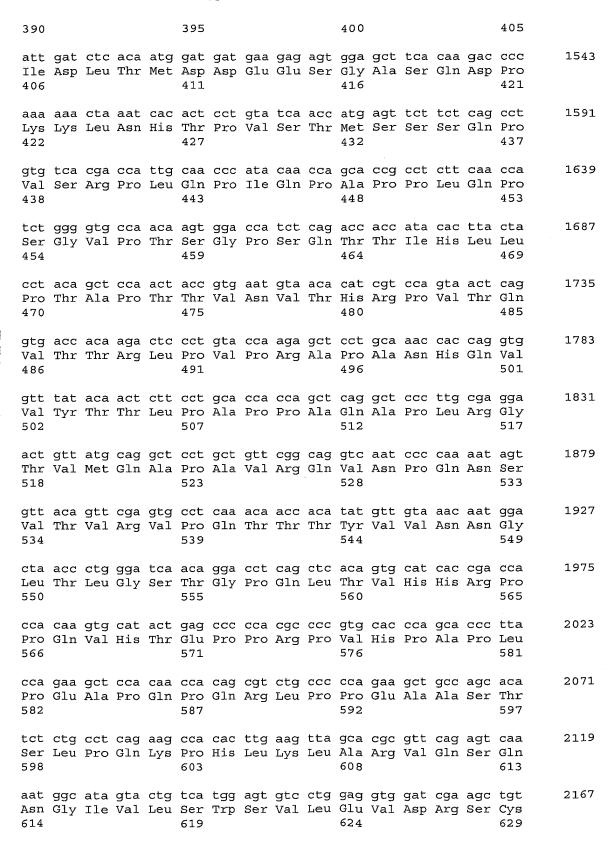
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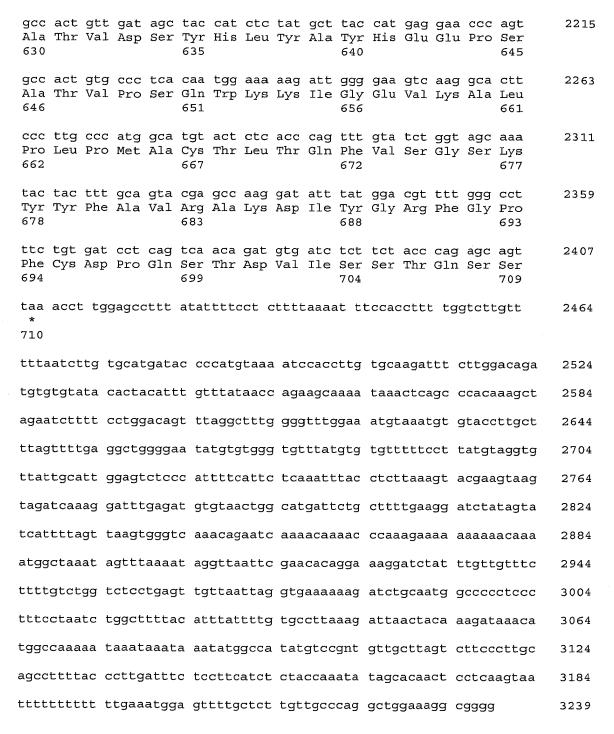
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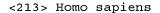




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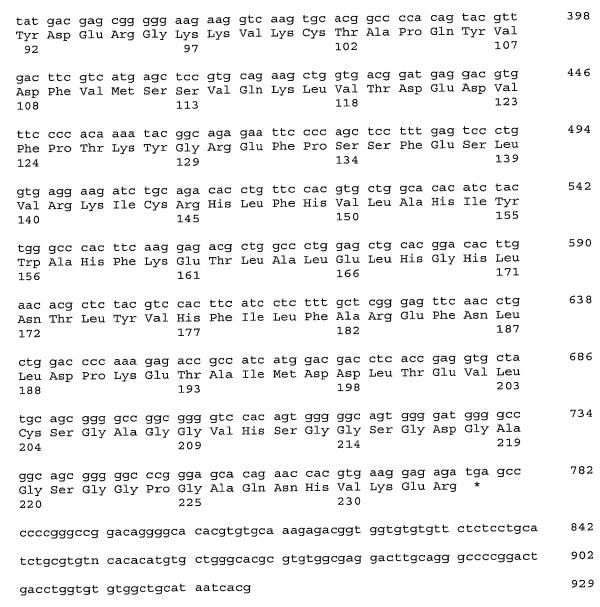
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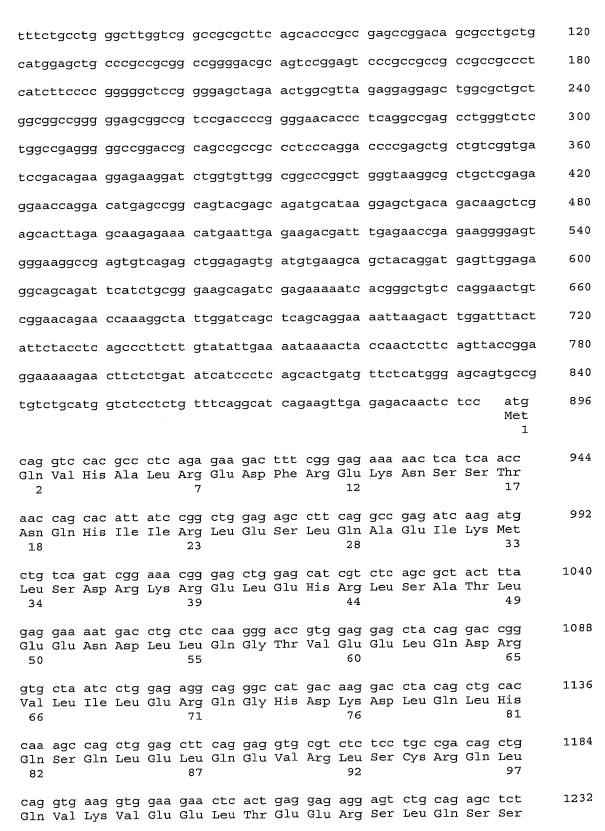
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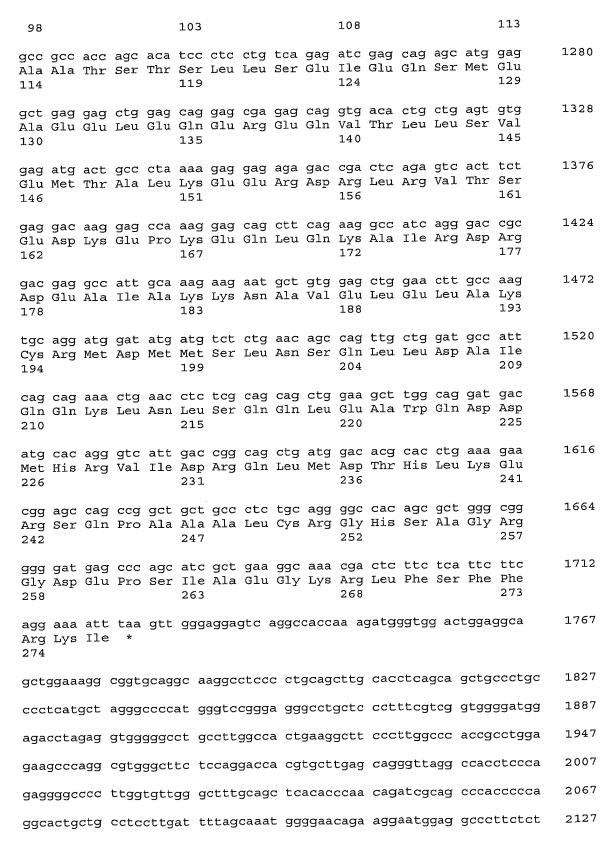


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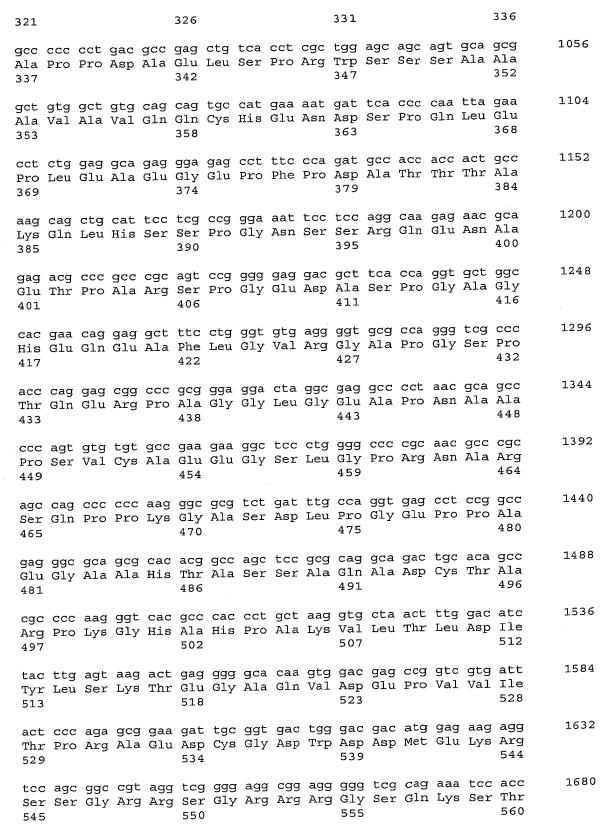


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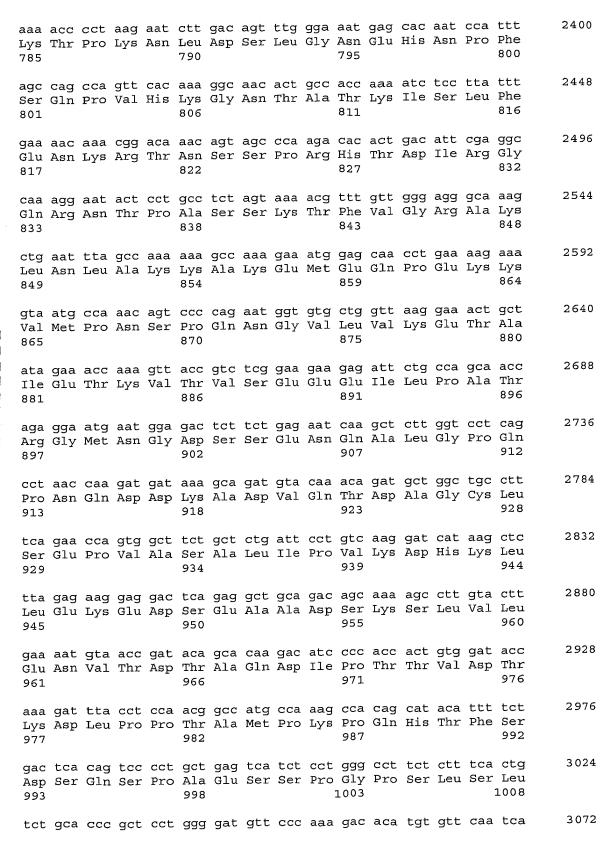


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Met	Ala	val	. Trr	Glr	ı Lei	ı Туі	с Туг	r Tr	) Ar	g Gl	/ Gl	/ Va.	l Thi	. Va.	Ser	
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gtt	ggt	ggc	agc	aga	cct	<b>9</b> 99	cag	aca	ctt	aga	gga	agt	gtc	caa	aat	96
Val	Ğlу	Gly	Ser	Arg	Pro	Gly	Gln	Thr	Leu	Arg	Gly	Ser	Val	Gln	Asn 32	
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49	ser	GIU	пÀр	СУБ	54	Giu	val	FIIC	361	59	110	Q IIII	пор	Cyb	64	
														~~~	t at	240
						gtg Val										240
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	<b>C</b> 1	C111	C137	Clu	T.A.I	Glu	Leu	Car	C] v	T. 611	Trn	Glv	Tle	Glu	Agn	Tle	
	97	Giu	Giy	Giu	пси	102	БСС	DCI	Ciy	пси	107		110	oru	тър	112	
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							tta Leu										480
							ttt Phe										528
THE CHANGE OF TH							tgg Trp										576
Will thin thin the							gaa Glu										624
							tac Tyr										672
The Head of the second							ttc Phe										720
							agg Arg										768
				_			aga Arg	_		_	_				-		816
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Asp 561	Ser	Pro	ĞÎy	Ala	- Asp 566	Ala	Glu	Leu	Pro	Glu 571	Ser	Ala	Ala	Arg	Asp 576		
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A The control of the	cag Gln 1105	gtc Val	atc Ile	cca Pro	gag Glu	agc Ser 1110	tct Ser	gaa Glu	gtt Val	Arg	gaa Glu 1115	gtg Val	cag Gln	ttg Leu	Pro	act Thr 1120	3360
of well than the	tgt Cys 1121	His	agt Ser	aat Asn	gaa Glu	cct Pro 1126	gaa Glu	gtg Val	gtt Val	Ser	gtt Val 1131	gca Ala	agt Ser	tgt Cys	Ala	ccc Pro 1136	3408
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ina was it tus	gat Asp 1585	tgc Cys	agt Ser	tct Ser	${\tt Trp}$	agc Ser 1590	ctc Leu	tct Ser	cca Pro	Val	ata Ile 1595	ctc Leu	ata Ile	aaa Lys	Val	gtt Val 1600	4800
A. who A.	aga Arg 1601	gga Gly	tgt Cys	tgg Trp	Ile	ttg Leu 1606	tat Tyr	gag Glu	caa Gln	Pro	aat Asn 1611	ttt Phe	gaa Glu	gly gaa	His	tcc Ser 1616	4848
though thereis	atc Ile 1617	ccc Pro	tta Leu	gaa Glu	Glu	gga Gly 1622	gaa Glu	ttg Leu	gaa Glu	Leu	tct Ser 1627	ggt Gly	ctc Leu	tgg Trp	Gly	ata Ile 1632	4896
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	gtg Val 1649	Ile	ggt Gly	tcc Ser	Ile	aga Arg 1654	cat His	gtg Val	gtt Val	Gln	gat Asp 1659	tac Tyr	aga Arg	gtt Val	Ser	cac His 1664	4992
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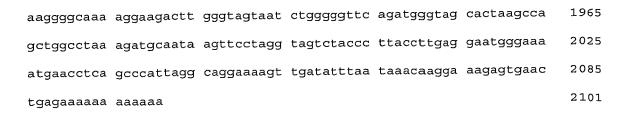
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FT CT CT					atg gga Met Gly 2022									6096
The street there exists					gtt gaa Val Glu 2038									6144
M And A make	aga Arg 2049	gaa Glu	gac Asp	ttc Phe	aaa gga Lys Gly 2054	aaa Lys	aag Lys	att Ile	gaa ctt Glu Leu 2059	aat Asn	gca Ala	gaa Glu	act gtc Thr Val 2064	6192
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	cag Gln 2097	ttc Phe	cta Leu	ttg Leu	tca cct Ser Pro 2102	gca Ala	gaa Glu	gta Val	cct aat Pro Asn 2107	tgg Trp	tat Tyr	gaa Glu	ttc agt Phe Ser 2112	6336
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Real of the first beautiful	cac His 2241	att Ile	atc Ile	ctc Leu	aac Asn	act Thr 2246	gtc Val	agc Ser	aaa Lys	Glu	aag Lys 2251	ttt Phe	aca Thr	caa Gln	Val	tgg Trp 2256	6768
A Hung was show mast to					cta Leu			tga *									6792
derest of the desired than the desired than the		<2 <2 <2 <2 <2	12> 13> 20> 21>	2101 DNA Homo CDS	sap		)										
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Ser His Asp Thr Glu Thr Arg Ala Thr Met Asn Leu Ala Leu Ala Cly 79  gac atc ctt gct gcg ggg cag gat gcc cac tgt cag ctc ctg cgc ttc Asp Ile Leu Ala Ala Gly Gln Asp Ala His Cys Gln Leu Leu Arg Phe 85  cag gca cat caa cag cag ggc aac aag gca gag gag gag		ctg Leu					att Ile				agt Ser				cac His	3.73
Asp Ile Leu Ala Ala Gly Gln Asp Ala His Cys Gln Leu Leu Arg Phe 95 cag gca cat caa cag cag ggc aac aag gca gag aag gcc ggt tcc aag Gln Ala His Gln Gln Gln Gly Asn Lys Ala Glu Lys Ala Gly Ser Lys 111 gag cag cag ggg cct cga caa agg aag gca gca gcc cca gca gag aag a		Ser					Thr				Asn				Gly	421
Gln Ala His Gln Gln Gln Gly Asn Lys Ala Glu Lys Ala Gly Ser Lys 111  gag cag gag cct cga caa agg aag gag gca gcc cca gca gag aaa aag aag		Asp			_	_	Gly	_	_	_	Cys		_	_	Phe	469
Glu Gln Gly Pro Arg Gln Arg Lys Gly Ala Ala Pro Ala Glu Lys Lys 112 112 117 117 117 117 127 127 127 127		Gln					Gln				Glu				Lys	517
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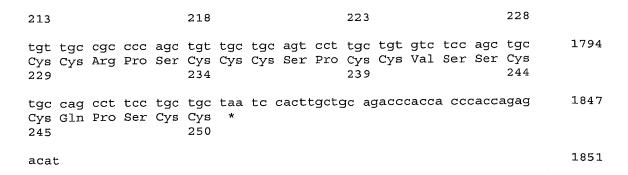
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## Met Thr His Cys

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wat the mall					tgc Cys												1410
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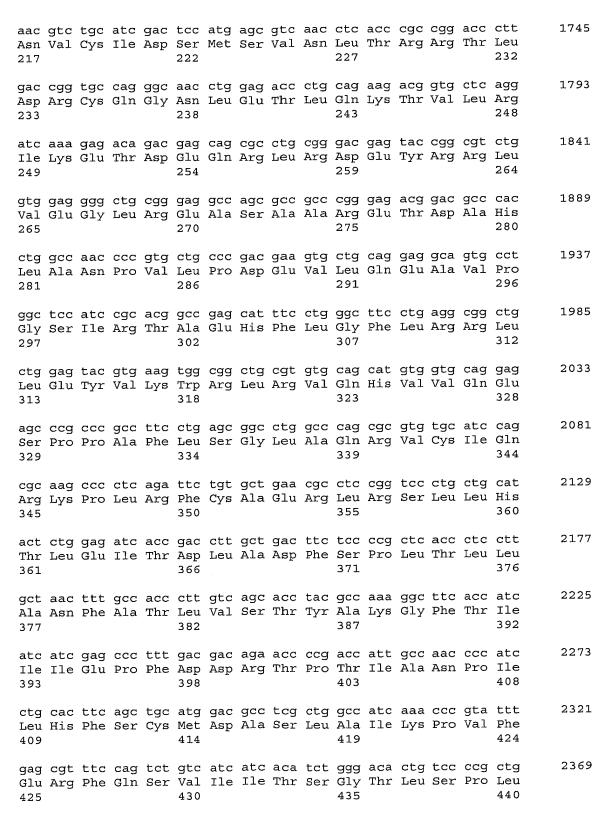
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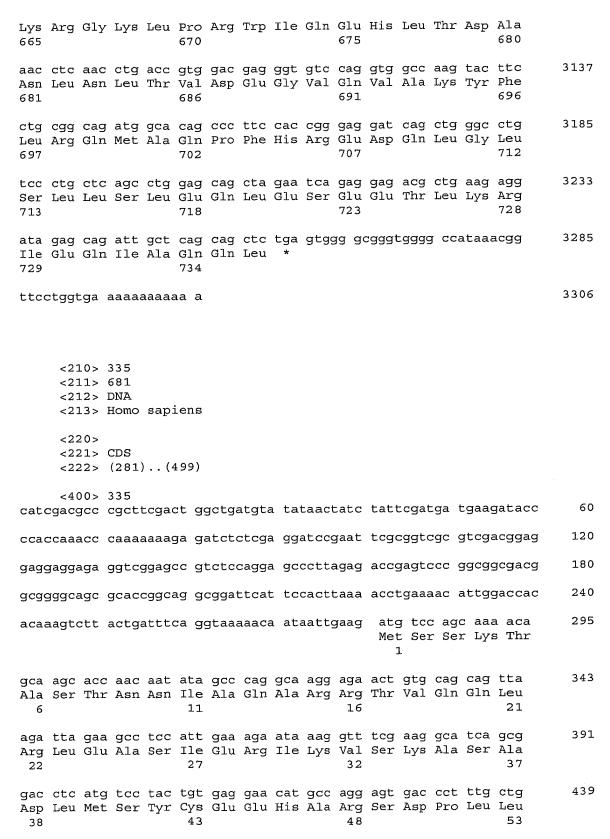
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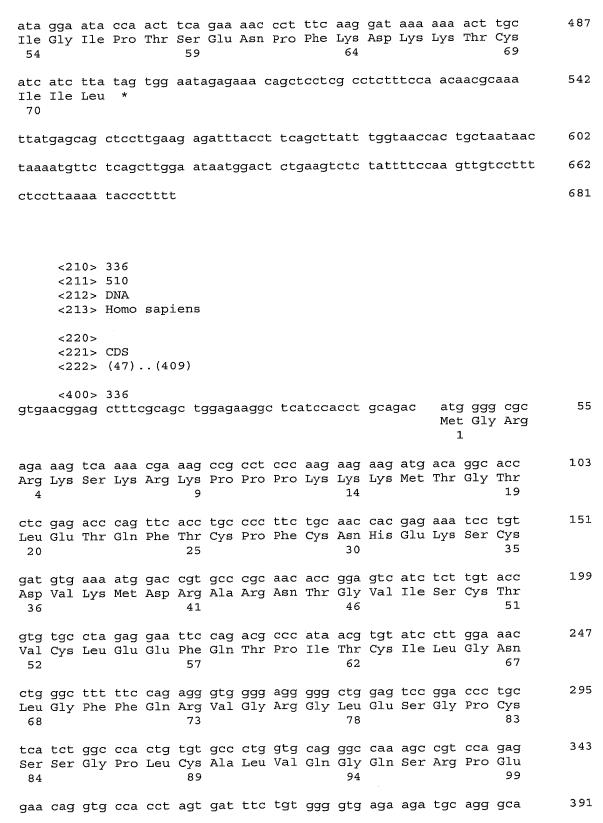
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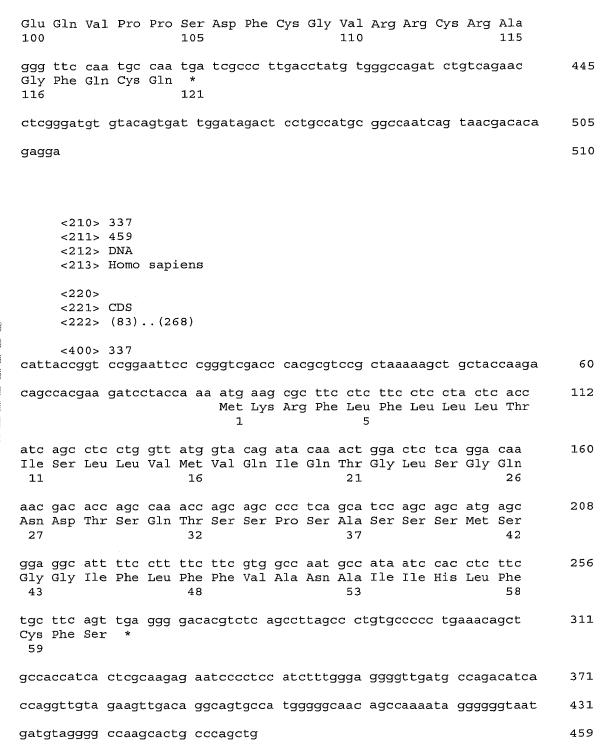
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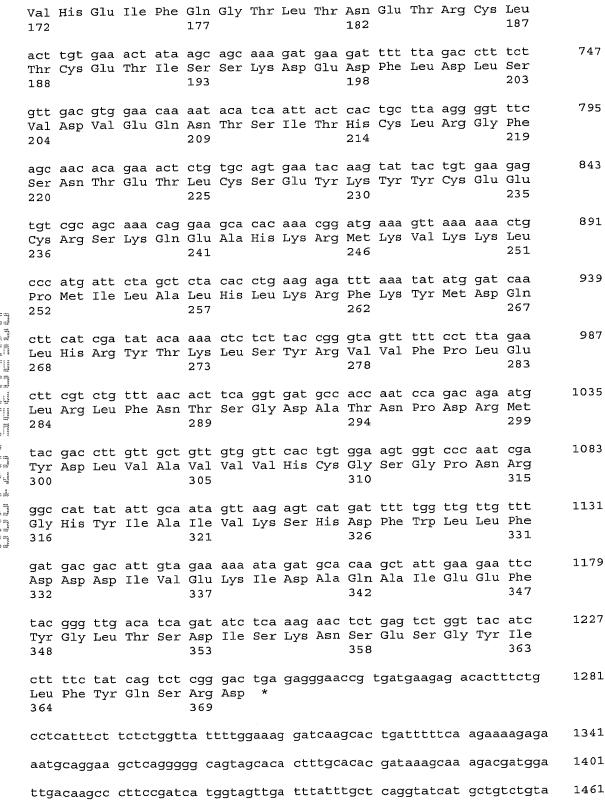
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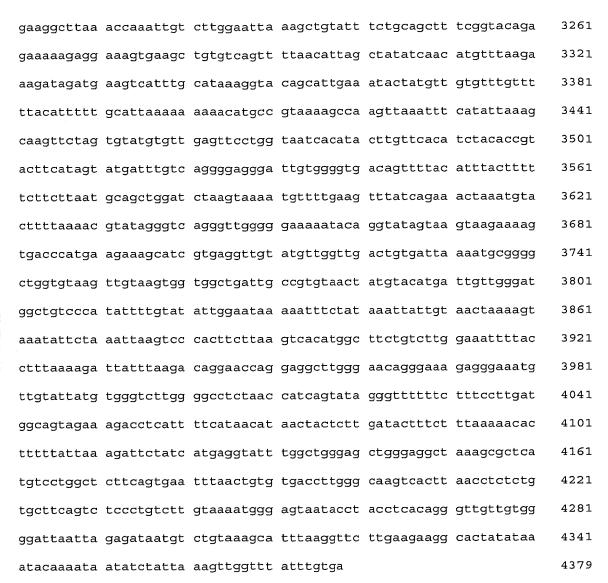
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699







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<211> 919

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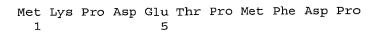
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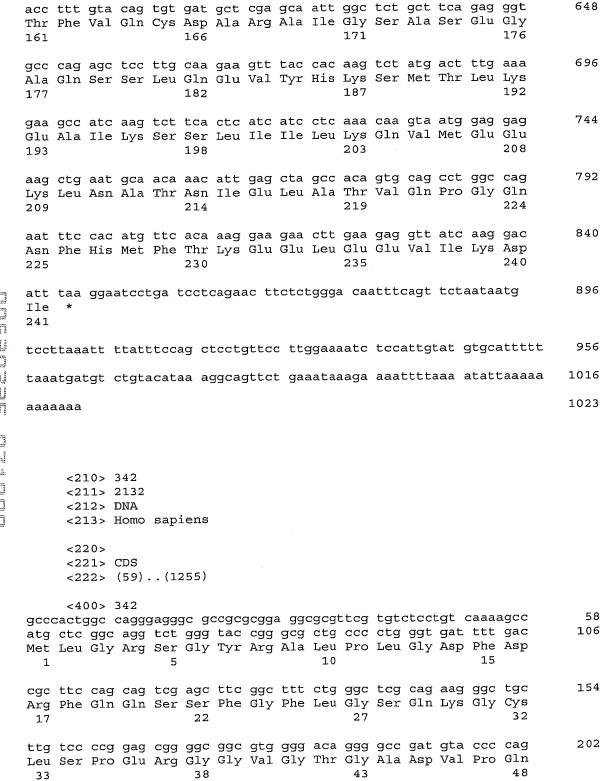


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gta Val 172	tct Ser	gaa Glu	gaa Glu	aac Asn	tac Tyr 177	atg Met	tgt Cys	cgg Arg	agg Arg	ttt Phe 182	cta Leu	aag Lys	taa *	aaat	cctt	639
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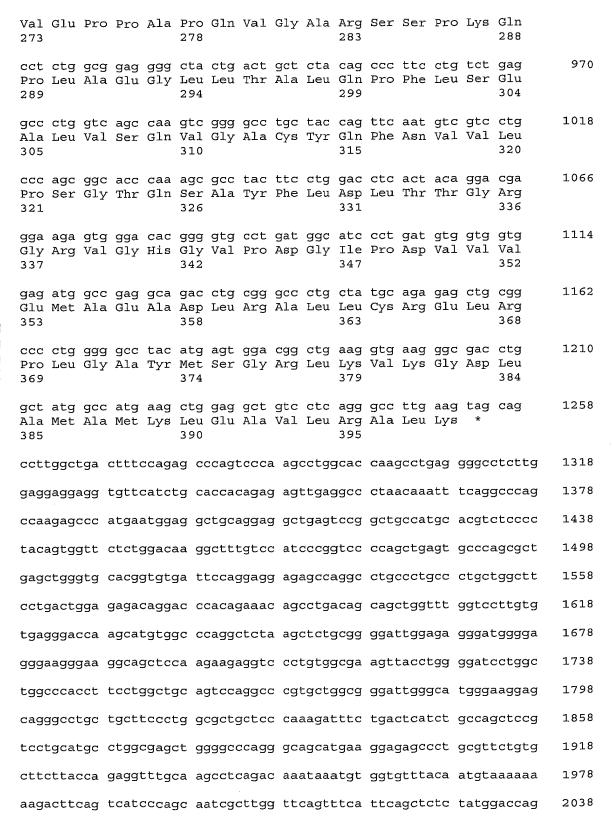
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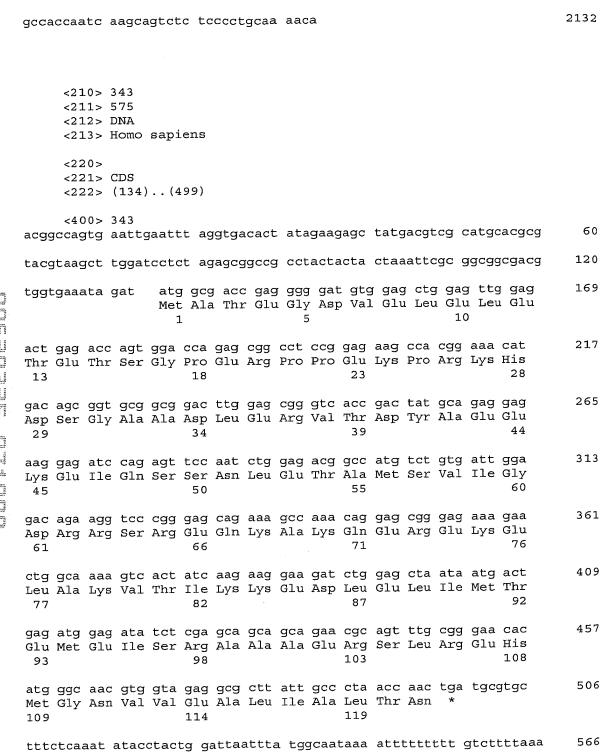
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_	_	-	_	-	acc Thr 70											298
					gag Glu 86											346
_			_		cct Pro 102		_	_	_		_					394
					gat Asp 118											442
					aag Lys 134											490
					tgg Trp 150											538
					aca Thr 166											586
					ccg Pro 182											634
	_	_	_		ctg Leu 198	-				_				_		682
					cgc Arg 214										_	730
					cca Pro 230											778
					ttc Phe 246											826
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2098

575

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ctc Leu 19	tcg Ser	gtc Val	tac Tyr	ttc Phe	ata Ile 24	att Ile	aca Thr	ttg Leu	tct Ser	gat Asp 29	tta Leu	gaa Glu	tgt Cys	gat Asp	tac Tyr 34	153
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cac His 67	tgg Trp	ttc Phe	atc Ile	ttc Phe	ctt Leu 72	ctc Leu	aac Asn	tta Leu	cct Pro	gtt Val 77	gcc Ala	act Thr	tgg Trp	aat Asn	ata Ile 82	297
tat Tyr 83	cga Arg	tac Tyr	att Ile	atg Met	gtg Val 88	ccg Pro	agt Ser	ggt Gly	aac Asn	atg Met 93	gga Gly	gtg Val	ttt Phe	gat Asp	cca Pro 98	345
aca Thr 99	gaa Glu	ata Ile	cac His	aat Asn	cga Arg 104	Gly 999	cag Gln	ctg Leu	aag Lys	tca Ser 109	cac His	atg Met	aaa Lys	gaa Glu	gcc Ala 114	393
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aca	ctaca	agt 9	gcac	agtt	ga g	gagc	cagag	g ac	ttct	taaa	tca	tcct	tag	aacc	gtgacc	552
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	t tgcttccagc ggatagatac ctaggtgttc cacagcatta	180
		240
	t tocccattac otcagaagac cooottaatt acttacttat	
attaactgta gaacgtattt	t atgcatacca ggctctacct ctgggctttc tattctgttc	300
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ggc ggc ggc ggc ggc g Gly Gly Gly Gly Gly G	ggt atc ccc gcg ggt ggc ggc cga gtc cac cga Gly Ile Pro Ala Gly Gly Gly Arg Val His Arg 20 25 30	578
ggc cct gac tcg ccg ( Gly Pro Asp Ser Pro A 31	gct ggc cag gtc ccc acg cgc cgc ctc ctg ctg Ala Gly Gln Val Pro Thr Arg Arg Leu Leu 36 41 46	626
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agc acg gca tca cgg ( Ser Thr Ala Ser Arg ( 63	ggc cct ggc cca agc ctg ttg gcg ccg agg acc Gly Pro Gly Pro Ser Leu Leu Ala Pro Arg Thr 68 73 78	722
gat caa cct agc ggc ( Asp Gln Pro Ser Gly ( 79	ggc ggc ggc ggc ggc gac gac ttc ttc ctg Gly Gly Gly Gly Gly Asp Asp Phe Phe Leu 84 89 94	770
gtg ctg ctt gac ccg q Val Leu Leu Asp Pro V	gtg ggt ggc gac gtg gag acc gcg ggc tcc ggt Val Gly Gly Asp Val Glu Thr Ala Gly Ser Gly	818

95				100					105					110	
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ctc cag Leu Gln 127	Gly G	ggc 31y	gag Glu	agc Ser 132	ggc	gcg Ala	aat Asn	ccc Pro	gcg Ala 137	Gly	ccc Pro	act Thr	gcg Ala	cta Leu 142	914
ggc ccc Gly Pro 143	cgc t Arg (	.gc Cys	ctg Leu	tcc Ser 148	gcg Ala	gtt Val	ccc Pro	act Thr	ccg Pro 153	gcc Ala	ccg Pro	atc Ile	tcc Ser	gcc Ala 158	962
ccc ggc Pro Gly 159	ccc g Pro <i>P</i>	gcc Ala	gcg Ala	gcc Ala 164	ttc Phe	gcg Ala	ggc Gly	aca Thr	gtc Val 169	act Thr	atc Ile	cac His	aac Asn	cag Gln 174	1010
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cca cca Pro Pro 191	cac q His <i>H</i>	gcc Ala	tgg Trp	gag Glu 196	cca Pro	Gly aaa	gcc Ala	gct Ala	cct Pro 201	gcc Ala	cag Gln	cag Gln	ccc Pro	999 206	1106
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tac aag Tyr Lys 319	ctc a	aag Lys	agg Arg	cac His 324	ctg Leu	cag Gln	tcg Ser	cac His	gac Asp 329	aaa Lys	ctg Leu	cgg Arg	ccc Pro	ttt Phe 334	1490

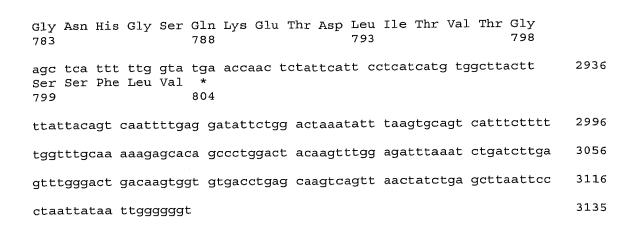
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ctc Leu 351	aag Lys	gcg Ala	cac His	atg Met	aag Lys 356	gly	cat His	gag Glu	cag Gln	gag Glu 361	aac Asn	tca Ser	ttc Phe	aaa Lys	tgc Cys 366	1	.586
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ttc Phe 495	acg Thr	agg Arg	gcg Ala	gaa Glu	cat His 500	ctg Leu	aaa Lys	ggc Gly	cac His	agc Ser 505	ata Ile	acc Thr	cac His	ctg Leu	ggc Gly 510	2	2018
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gct Ala 527	cgc Arg	agt Ser	agc Ser	ctc Leu	tac Tyr 532	att Ile	cac His	tcc Ser	aag Lys	aaa Lys 537	cac His	ctg Leu	cag Gln	gat Asp	gtg Val 542	2	2114
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42

58

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tgc aac cct gaa act cgt cct gtt gag aaa aaa ata aga tca gct ctt Cys Asn Pro Glu Thr Arg Pro Val Glu Lys Lys Ile Arg Ser Ala Leu

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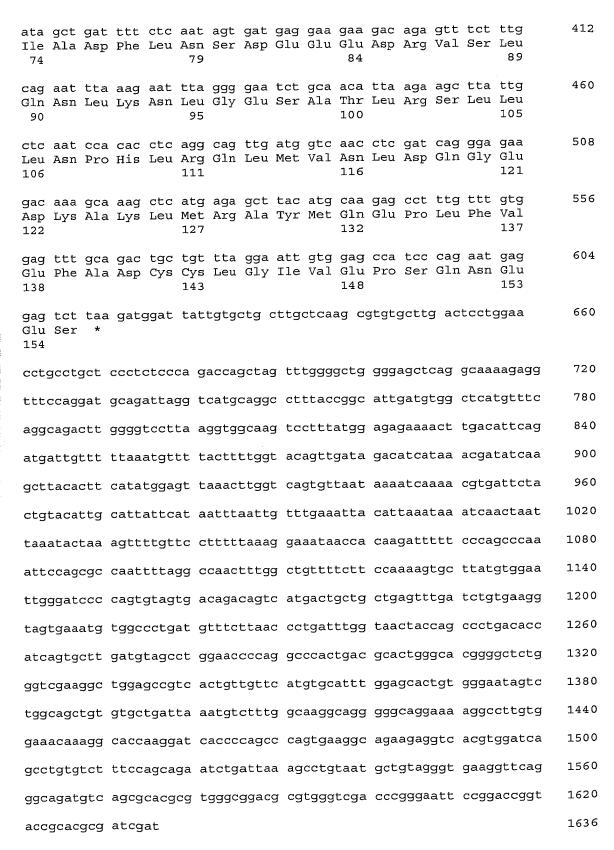
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63

68

316

364



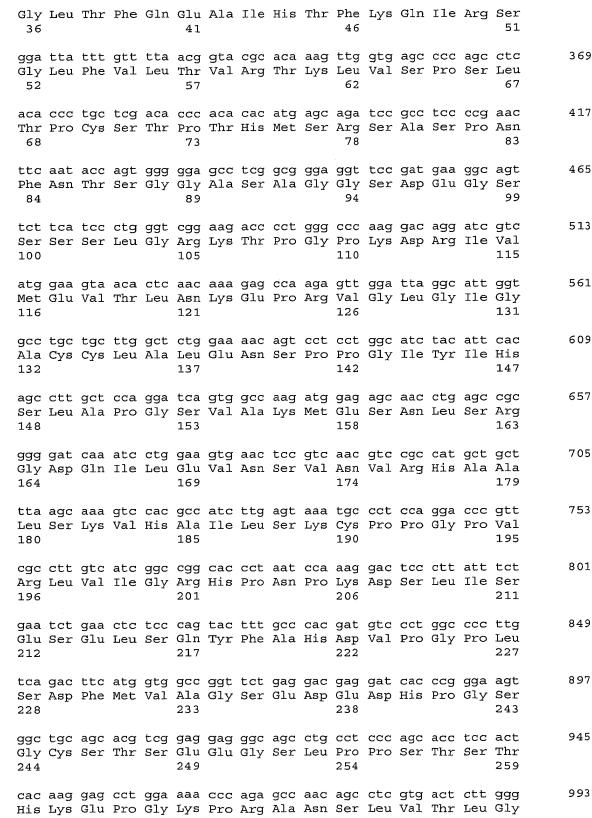
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Took Store Store Store Store	ttt Phe 273	gag Glu	gga Gly	aca Thr	agg Arg	tgc Cys 278	tca Ser	gag Glu	gtg Val	gtt Val	tct Ser 283	gga Gly	ttg Leu	gga Gly	atc Ile	tgg Trp 288	864
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MINING THE STATE OF THE STATE O	ctt Leu 305	cta Leu	gaa Glu	cac His	ccc Pro	ttc Phe 310	ctc Leu	acc Thr	ctt Leu	cag Gln	cac His 315	agc Ser	cag Gln	gat Asp	Gly 999	gcc Ala 320	960
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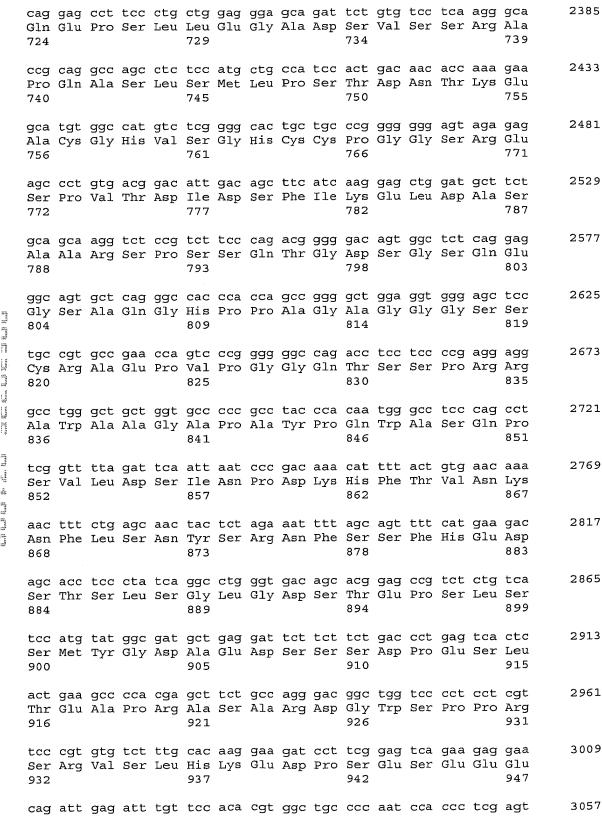
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ggccttggct ttagtattgc tggaggtcga gactgcattc gtggacag atg ggg att Met Gly Ile  1  ttt gtc aag acc atc ttc cca aat gga tca gct gca gag gac gga aga Phe Val Lys Thr Ile Phe Pro Asn Gly Ser Ala Ala Glu Asp Gly Arg	120 177



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gga Gly 692	gac Asp	ccc Pro	ctc Leu	aca Thr	tcc Ser 697	cag Gln	gag Glu	cag Gln	aga Arg	cag Gln 702	gga Gly	gct Ala	cca Pro	ggt Gly	aac Asn 707	2289
cac His 708	agt Ser	aag Lys	gct Ala	ctg Leu	gaa Glu 713	atg Met	aca Thr	gga Gly	atc Ile	cat His 718	gca Ala	cct Pro	gaa Glu	agc Ser	tcc Ser 723	2337



	Gln 948	Ile	Glu	Ile	Сув	Ser 953	Thr	Arg	Gly	Cys	Pro 958	Asn	Pro	Pro	Ser	Ser 963	
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	tct Ser 1012	tcc Ser	cag Gln	cca Pro	Ser	tca Ser 1017	ctc Leu	ttg Leu	gag Glu	Met	agc Ser 1022	tct Ser	cag Gln	gag Glu	His	gaa Glu 1027	3249
# 25.	act Thr 1028	cat His	gcg Ala	gac Asp	Ile	agc Ser 1033	act Thr	tca Ser	cag Gln	Asn	cac His 1038	agg Arg	ccc Pro	tcg Ser	Cys	gca Ala 1043	3297
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Total mark than small	ccg Pro 1060	ctg Leu	tct Ser	aaa Lys	Val	gcc Ala 1065	agg Arg	cat His	ttt Phe	His	agt Ser 1070	ccg Pro	ccc Pro	atc Ile	Ile	ctc Leu 1075	3393
# 7" ""	agc Ser 1076	tcc Ser	ccc Pro	aac Asn	Met	gta Val 1081	aat Asn	ggc Gly	ttg Leu	Glu	cat His 1086	gac Asp	ctg Leu	cta Leu	Asp	gac Asp 1091	3441
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	1172				]	177				1	182				1	187	
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The state of the s	atc Ile 1268	tca Ser	ccc Pro	cag Gln	Thr	tcc Ser 1273	cac His	aaa Lys	aca Thr	ctt Leu 1	tct Ser 278	aag Lys	gca Ala	gtg Val	Ser	cag Gln 1283	4017
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And the second	gcc Ala 1300	ccc Pro	agg Arg	tcc Ser	Pro	cag Gln 1305	tgt Cys	gtg Val	ctg Leu	gaa Glu 1	agc Ser .310	aag Lys	cca Pro	cct Pro	Leu	gcc Ala 1315	4113
	acc Thr 1316	tct Ser	gly aaa	cca Pro	Leu	ааа Ьув 1321	ccc Pro	tca Ser	gtg Val	tct Ser 1	gac Asp 326	acg Thr	agc Ser	atc Ile	Arg	aca Thr 1331	4161
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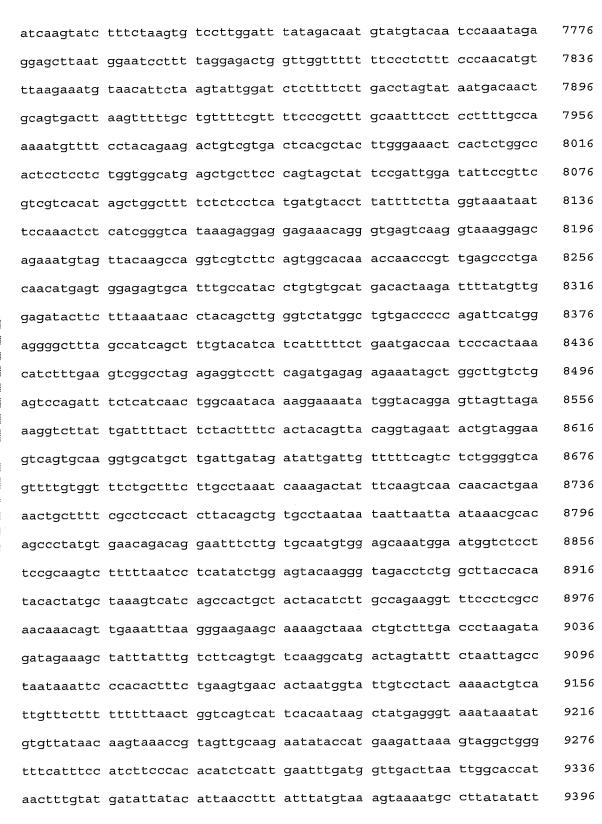
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Her 424 444	atg Met 1508	tca Ser	cga Arg	tca Ser	Phe	agc Ser 1513	atg Met	aca Thr	aaa Lys	Leu	gcg Ala 1518	tcc Ser	tcc Ser	tcc Ser	Ser	tcc Ser 1523	4737
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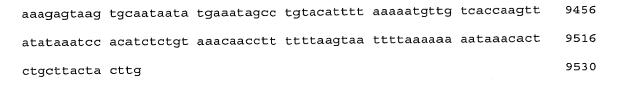
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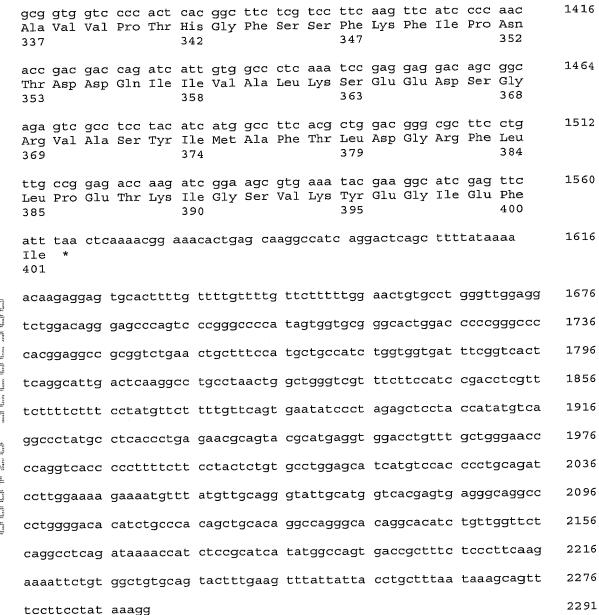


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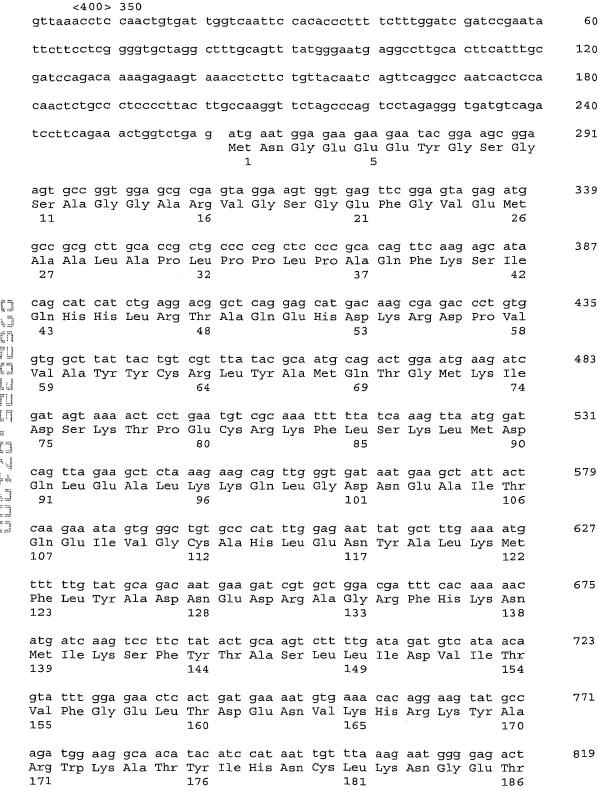
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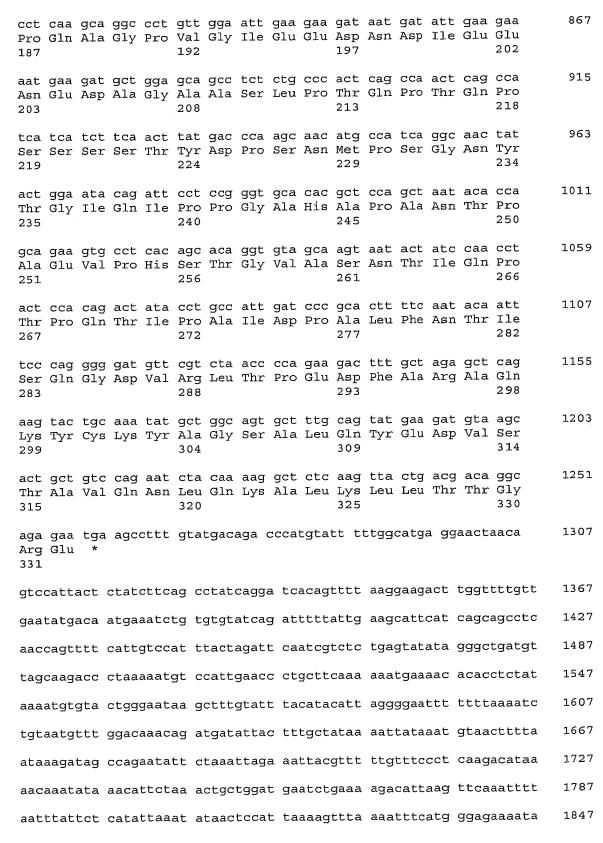
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gcc Ala 273	ggc Gly	atc Ile	cag Gln	ccg Pro	cca Pro 278	ggc Gly	tac Tyr	ctc Leu	atc Ile	cat His 283	gag Glu	tct Ser	gcc Ala	tgc Cys	tgg Trp 288	1224
agt Ser 289	gac Asp	acg Thr	ctg Leu	cag Gln	cgc Arg 294	tgg Trp	ttc Phe	ttc Phe	ctg Leu	ccg Pro 299	cgc Arg	cgc Arg	gcc Ala	agc Ser	cag Gln 304	1272
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ctg Leu 321		gcc Ala	tcc Ser	cct Pro	gac Asp 326	ttc Phe	ggc	gac Asp	atc Ile	gct Ala 331	gtg Val	agc Ser	cac His	gtc Val	999 336	1368

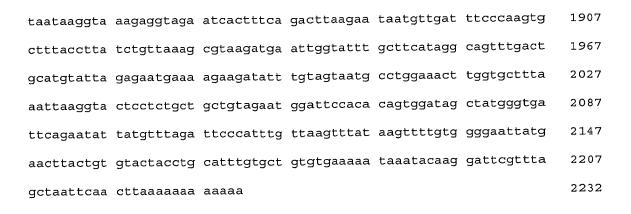


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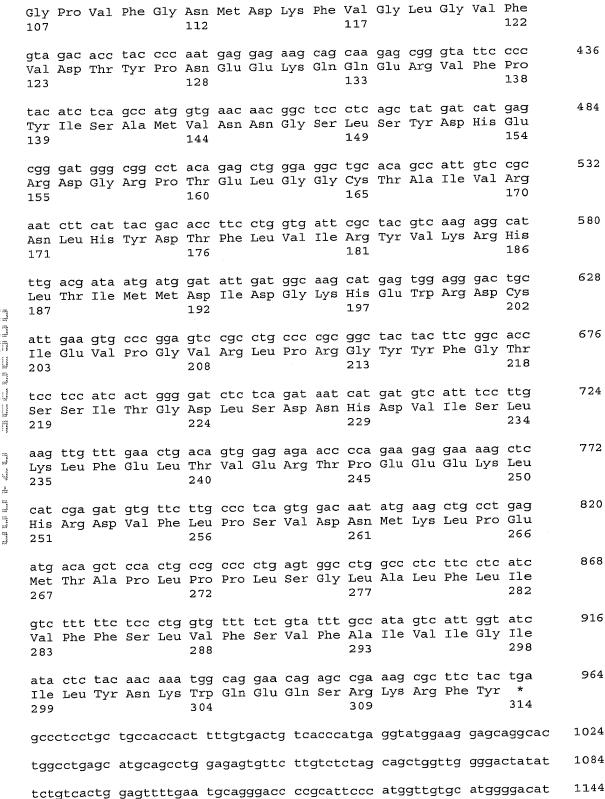
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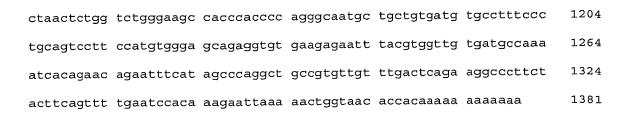






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tta ctc ctt ctt ttg ttg ggg tct ggg cag ggg cca cag caa gtc Leu Leu Leu Leu Leu Leu Gly Ser Gly Gln Gly Pro Gln Gln Val 27 32 37 42	148
ggg gcg ggt caa acg ttc gag tac ttg aaa cgg gag cac tcg ctg tcg Gly Ala Gly Gln Thr Phe Glu Tyr Leu Lys Arg Glu His Ser Leu Ser 43 48 53	196
aag ccc tac cag ggt gag gcg ccc agg cca tgt ttc ctg aga gac tgg Lys Pro Tyr Gln Gly Glu Ala Pro Arg Pro Cys Phe Leu Arg Asp Trp 59 64 69 74	244
gag ttg cag gtg cac ttc aaa atc cat gga caa gga aag aag aat ctg Glu Leu Gln Val His Phe Lys Ile His Gly Gln Gly Lys Lys Asn Leu 75 80 85 90	292
cat ggg gat ggc ttg gca atc tgg tac aca aag gat cgg atg cag cca His Gly Asp Gly Leu Ala Ile Trp Tyr Thr Lys Asp Arg Met Gln Pro 91 96 101 106	340
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tac cgc ctg aag ctg gag gag ctg acc aaa ctt cag aac aat tgc acc Tyr Arg Leu Lys Leu Glu Glu Leu Thr Lys Leu Gln Asn Asn Cys Thr 3.8 33 248 age tee ate acg egg cag aag aag egg ete cag gag etg gee ete gee Ser Ser Ile Thr Arg Gln Lys Lys Arg Leu Gln Glu Leu Ala Leu Ala 49 54

200

488

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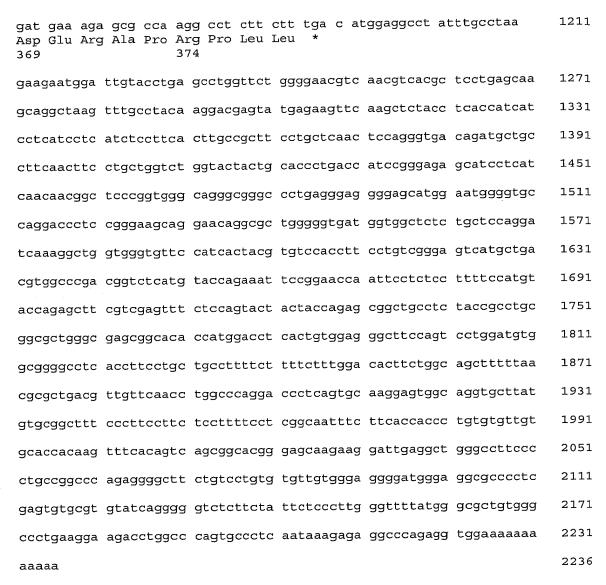
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					-	_	_	ctc Leu 155				536
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								ttc Phe 219				728
			_	_	_		 _	ttt Phe 235	_			776
Total State of the								ctg Leu 251				824
								tgg Trp 267				872
		_	_					cac His 283		_		920
e energy								gac Asp 299				968
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<sup>&</sup>lt;213> Homo sapiens

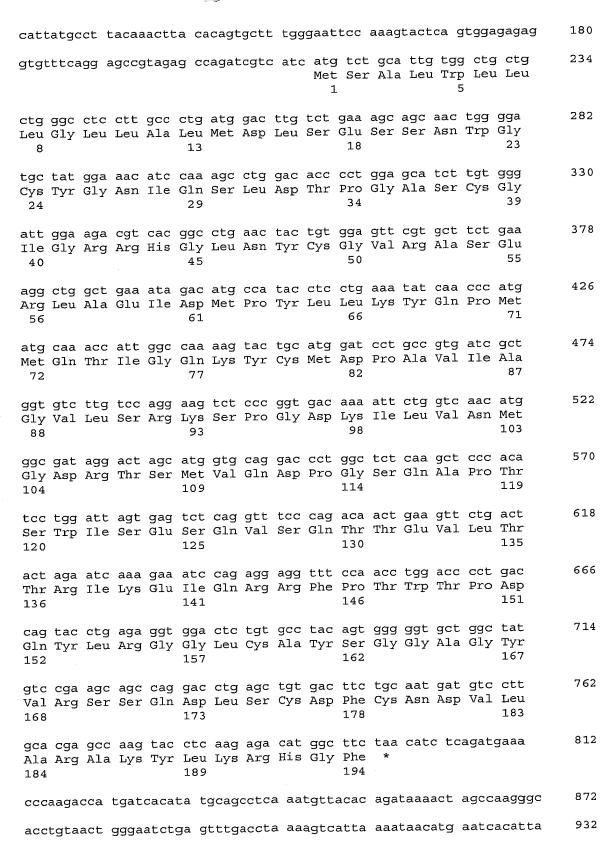
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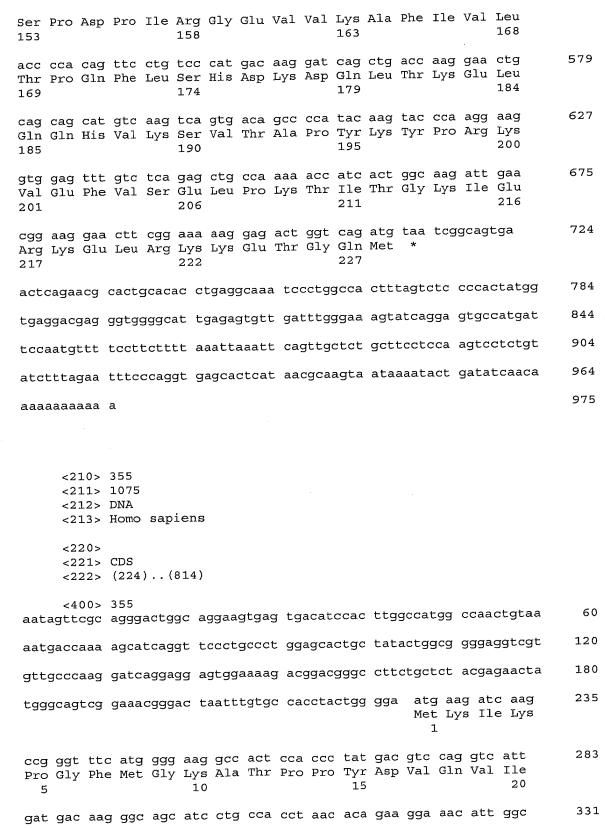
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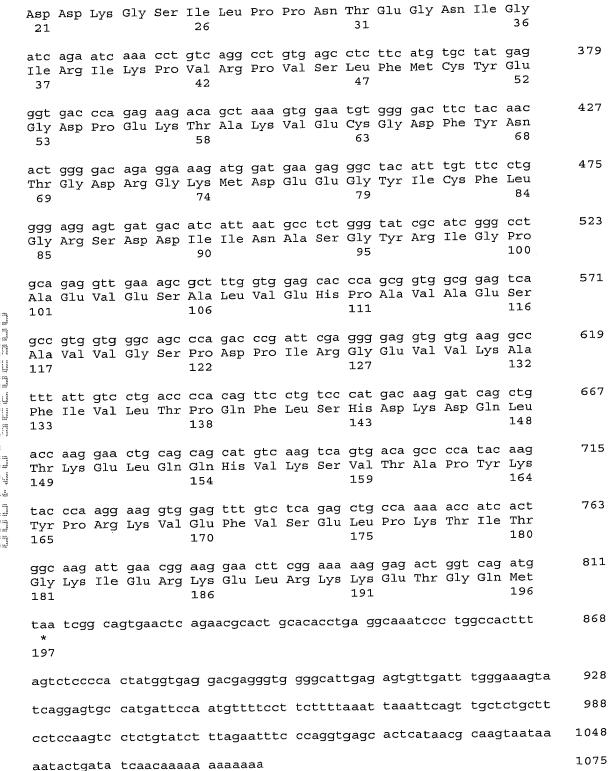
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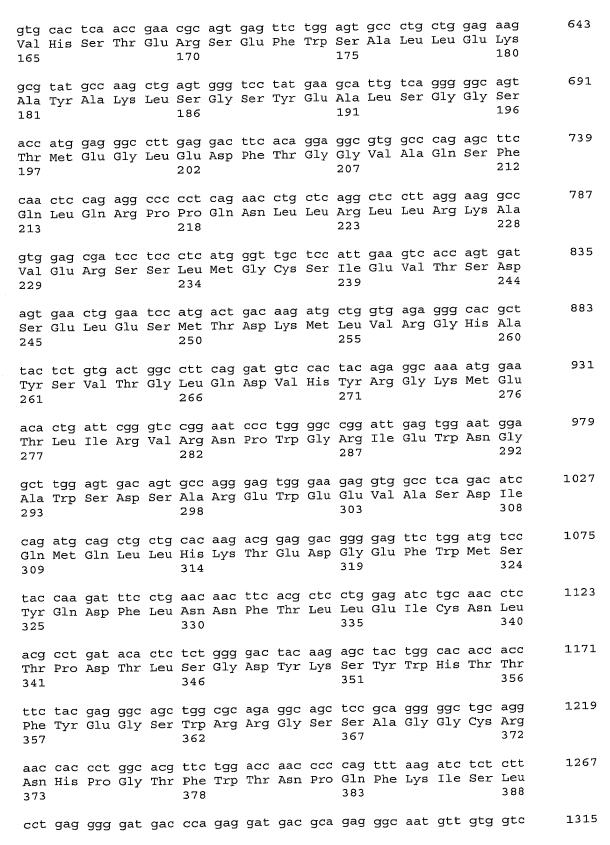
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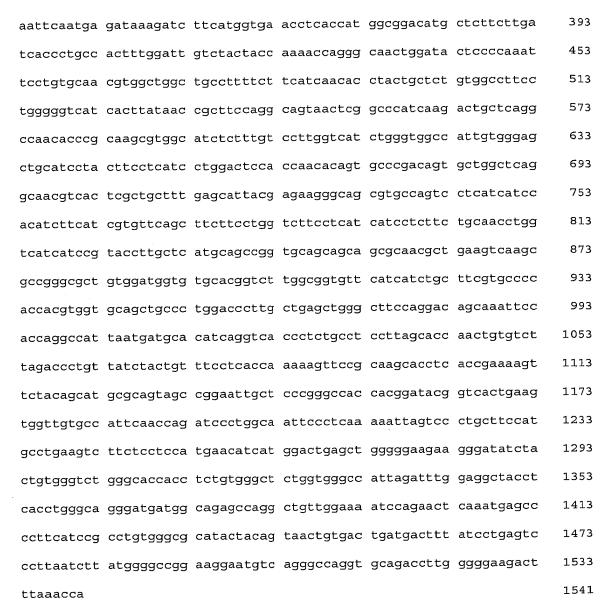
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7. Tu
18th 17th 18th
A. Age 37.
THE SETTING
A. Age 37.

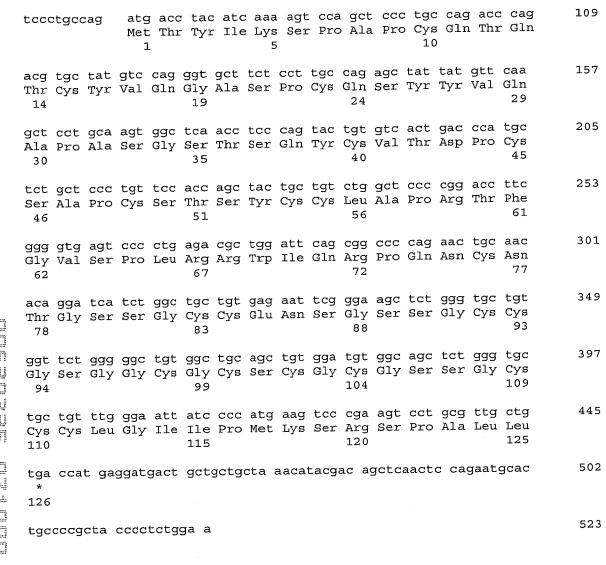
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		_	_		cag Gln	_											1507
# III.				_	agc Ser				_		_						1555
A P House Steem States					ttt Phe				_	_	_	-		-			1603
i van din gra	_				aag Lys		_				_	_	_	_	_		1651
18 L. L. L.		-			ctc Leu			-	_				_	-	_	-	1699
AT AND AND					cat His												1747
		~~~			gag Glu		_		_				_	_			1795
					aag Lys						_	-	-	_	_	_	1843
	_				atg Met	_		_				_	-				1891
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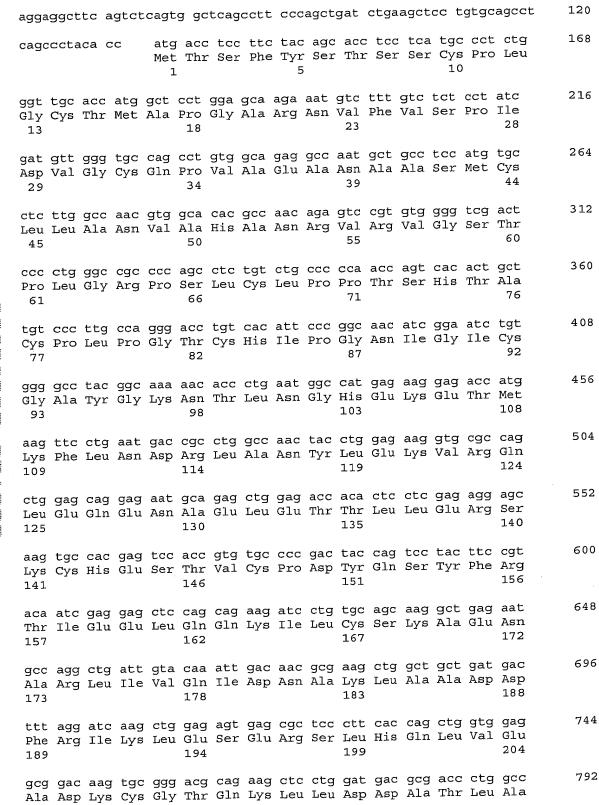
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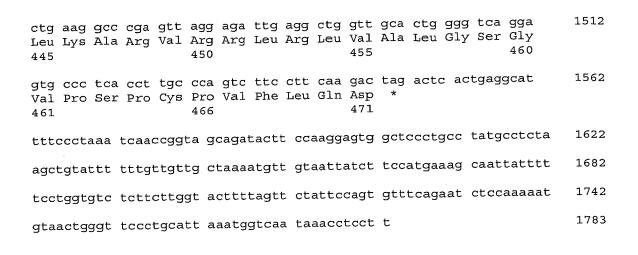


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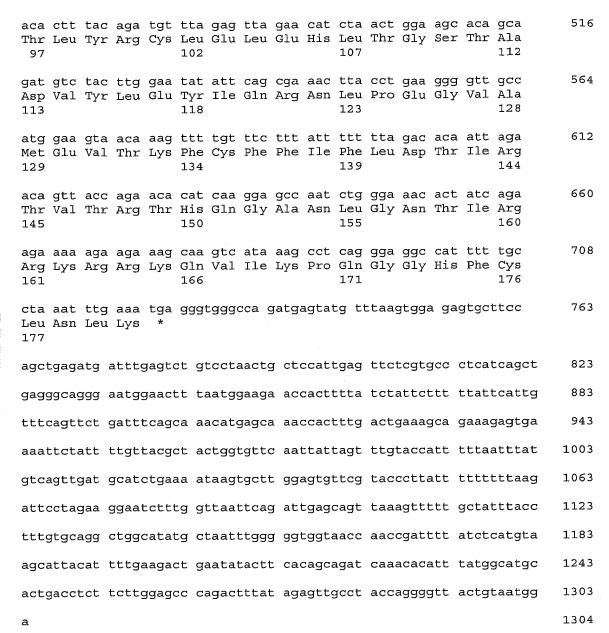


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ctg ggg gag a Leu Gly Glu L 253	ag ttc cgg atc ys Phe Arg Ile 258	gag ctg gac Glu Leu Asp	att gag ccc acc Ile Glu Pro Thr 263	att gac 936 Ile Asp 268
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cag tcg gag a Gln Ser Glu I 317	atc ctg gag ctg [le Leu Glu Leu 322	aga tgc acg Arg Cys Thr	gtg aat gcc ctg Val Asn Ala Leu 327	gag gtg 1128 Glu Val 332
gag cgc caa g Glu Arg Gln A 333	gcc cag cac acc Ala Gln His Thr 338	ttg aag gac Leu Lys Asp	tgt ctg cag aac Cys Leu Gln Asn 343	tcc ctg 1176 Ser Leu 348
tgt gaa gcg g Cys Glu Ala G 349	gag gac cgc tac Glu Asp Arg Tyr 354	ggc aca gag Gly Thr Glu	ctg gcc cag atg Leu Ala Gln Met 359	cag agc 1224 Gln Ser 364
ctc att agc a Leu Ile Ser A 365	aac ttg gaa gag Asn Leu Glu Glu 370	cag ttg tct Gln Leu Ser	gag atc cgg gcc Glu Ile Arg Ala 375	gac ctg 1272 Asp Leu 380
gag cgg cag a Glu Arg Gln A 381	aac cag gag tac Asn Gln Glu Tyr 386	cag gtg ctg Gln Val Leu	ctg gac gtg aag Leu Asp Val Lys 391	gcc cgg 1320 Ala Arg 396
ttg gag aac g Leu Glu Asn G 397	gag att gcc aca Glu Ile Ala Thr 402	tac cgg aac Tyr Arg Asn	ctt act ccc ctg Leu Thr Pro Leu 407	caa tcc 1368 Gln Ser 412
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cac cgg tgg g His Arg Trp V 429	gtc tcc ctc tgg Val Ser Leu Trp 434	cca tgg agc Pro Trp Ser	cag cat ggg gag Gln His Gly Glu 439	atg att 1464 Met Ile 444



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tgc cct ccc cag tat tca gcc cca tgc cca cct cca gtc tct tcc tgc Cys Pro Pro Gln Tyr Ser Ala Pro Cys Pro Pro Pro Val Ser Ser Cys 36 41 46 51	199
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		tct ggc tgc tgc Ser Gly Cys Cys 110		391
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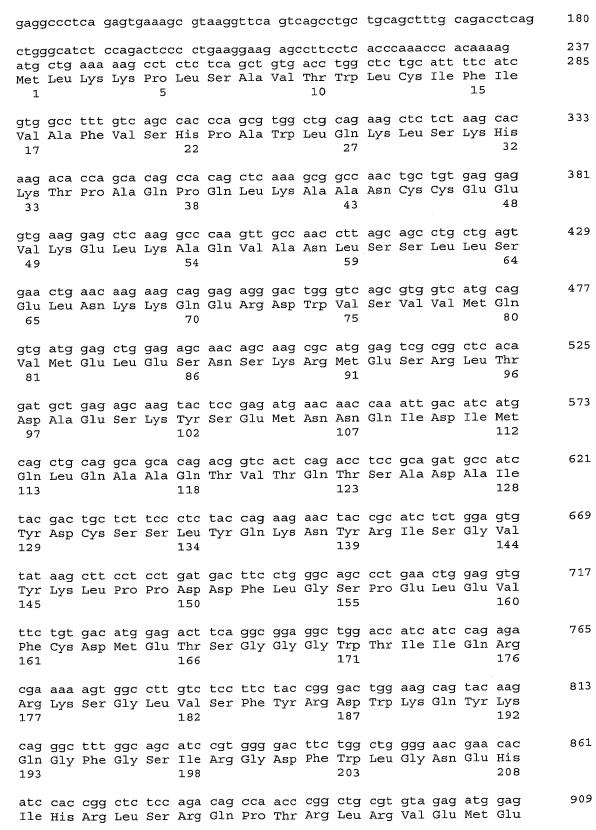
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Ser Cys Gln Gln Asn Gln Gln Gln Cys Gln Pro Pro Pro Lys Cys Pr	o
2 7 12 1	7
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Ile Pro Lys Tyr Pro Pro Lys Cys Pro Ser Lys Cys Ala Ser Ser Cy	rs
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Pro Pro Pro Ile Ser Ser Cys Cys Gly Ser Ser Ser Gly Gly Cys Cy	's
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Ser Ser Gly Gly Cys Gly Cys Cys Ser Ser Glu Gly Gly Gly Cys Cy	s
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Leu Ser His His Arg His His Arg Ser His Cys His Arg Pro Lys Se	295
66 71 76 8	21
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Ser Asn Cys Tyr Gly Ser Gly Ser Gly Gln Gln Ser Gly Gly Ser Gl	.Y
82 87 92	.7
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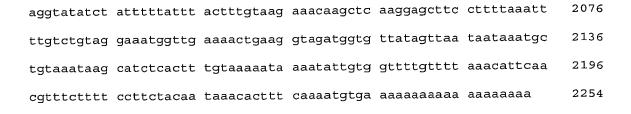
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209 214 219 224	
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Asn Thr Val Trp Asn Met Glu Asp Leu Asp Leu Glu Tyr Ala Lys Thr
3 8 13 18

gat ata aat tgt ggc aca gac ttg atg ttt tat ata gaa atg gac cca
Asp Ile Asn Cys Gly Thr Asp Leu Met Phe Tyr Ile Glu Met Asp Pro
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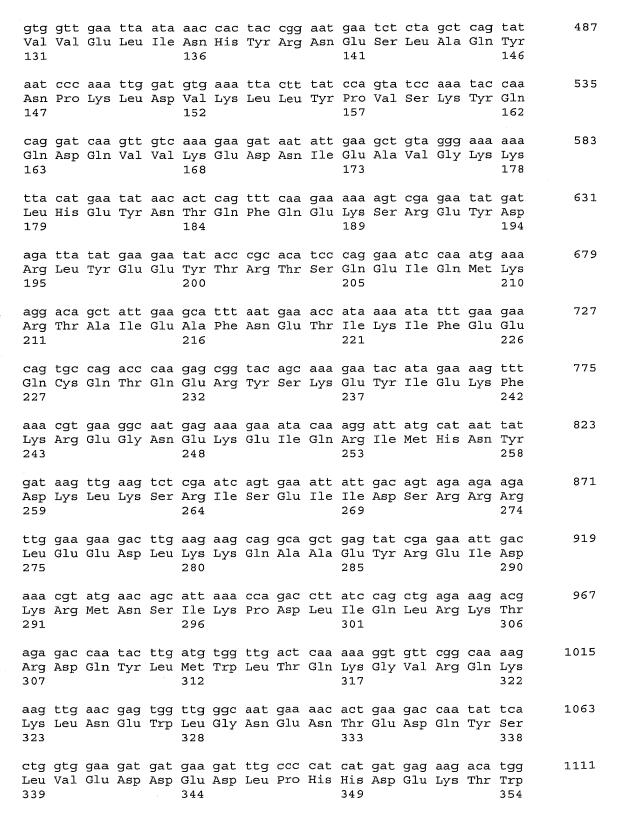
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51 56 61 66

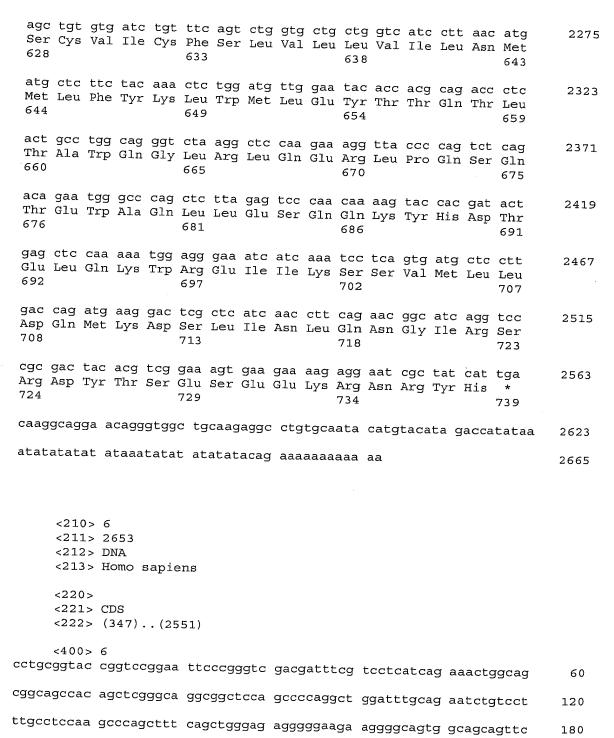
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Gly Thr Phe Leu Val Arg Asp Ala Ser Thr Lys Met His Gly Asp Tyr
83 88 93 98

act ctt aca cta agg aaa ggg gga aat aac aaa tta atc aaa ata ttt
Thr Leu Thr Leu Arg Lys Gly Gly Asn Asn Lys Leu Ile Lys Ile Phe
99 104 109 114

cat cga gat ggg aaa tat ggc ttc tct gac cca tta acc ttc agt tct
His Arg Asp Gly Lys Tyr Gly Phe Ser Asp Pro Leu Thr Phe Ser Ser
115 120 125 130





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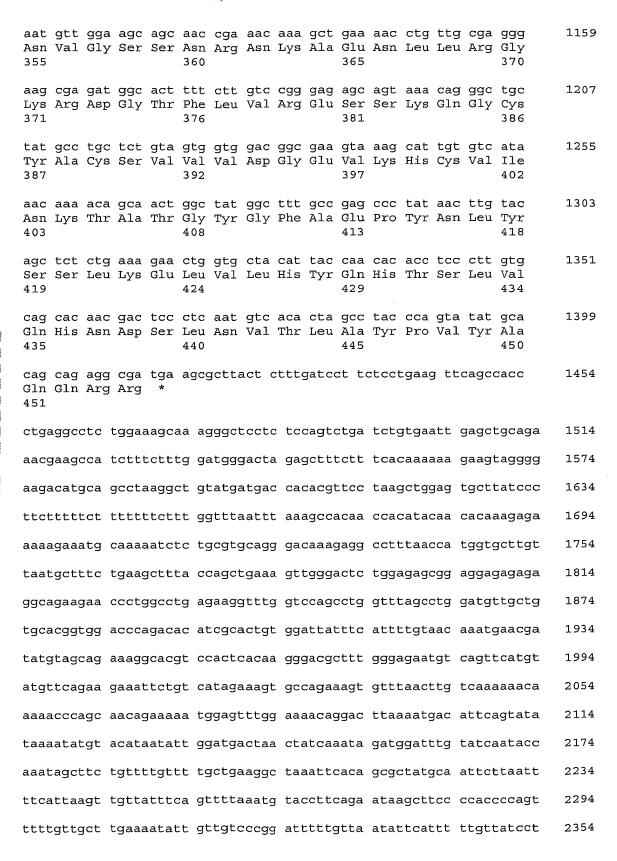
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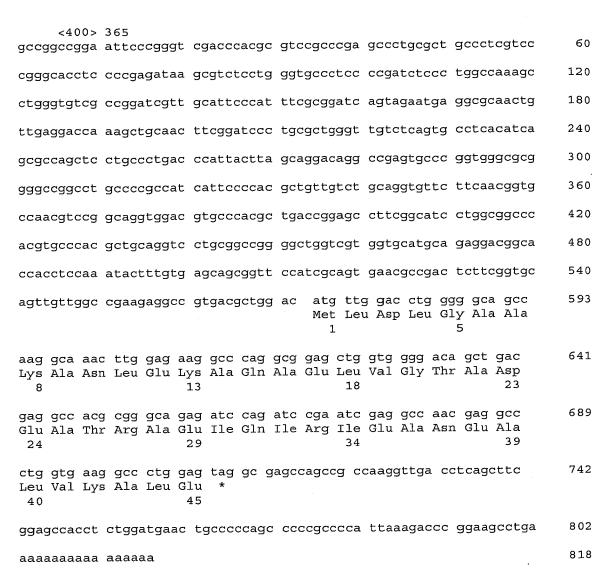
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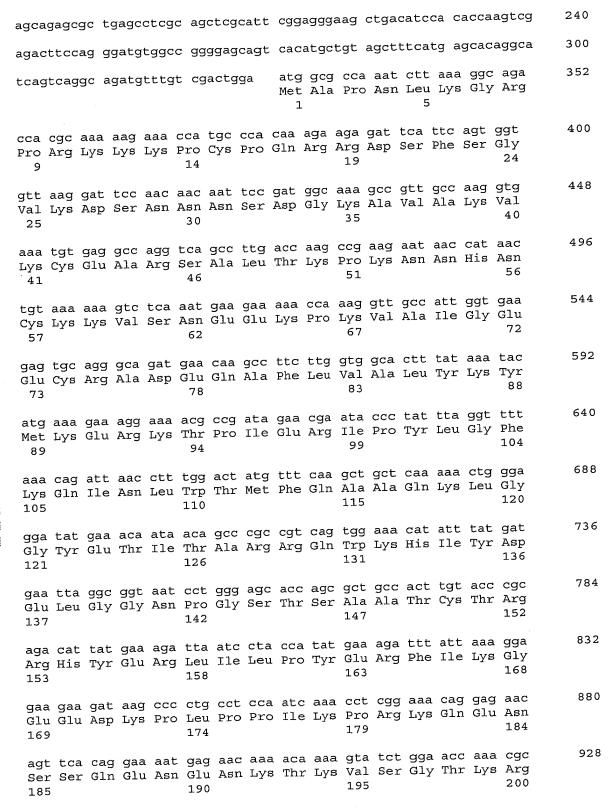
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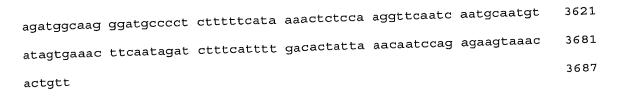
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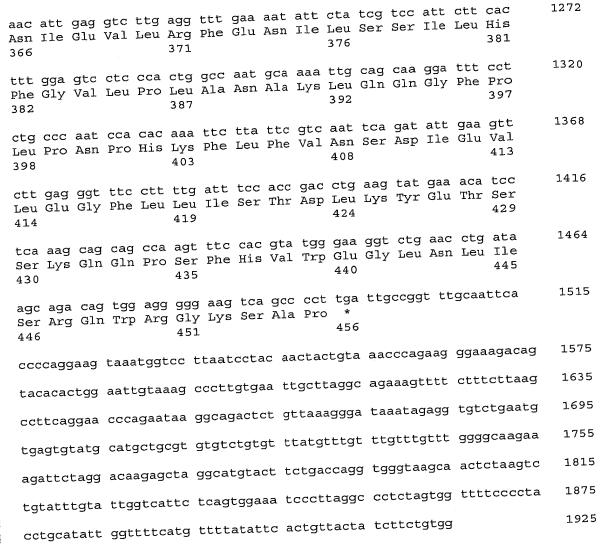
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		Asr	: agt 1 Se1	gag Glu	aag Lys	gtg Val	Ala	gag Glu	gag Glu	g gcg 1 Ala	gga Gly 291		g aag 1 Lys	. Gly	ccc Prc	aca Thr 296	1216
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dant' tener thin.		t ga r Gl	a cc u Pr	c ca o Gl	a ga n Gl	a gc u Al 35	a se	c tt r Ph	c cc e Pr	c ag o Se	c tt r Ph 35		c ac	c ac r Th	a ca r Gl	g gcc n Ala 360	1408
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	a	actq	attq	c ta	ggga	tgac	ttg	tgtt	cca	gttt	gtcc	ca g	accc	acca	t gg	ccaaagca	1821
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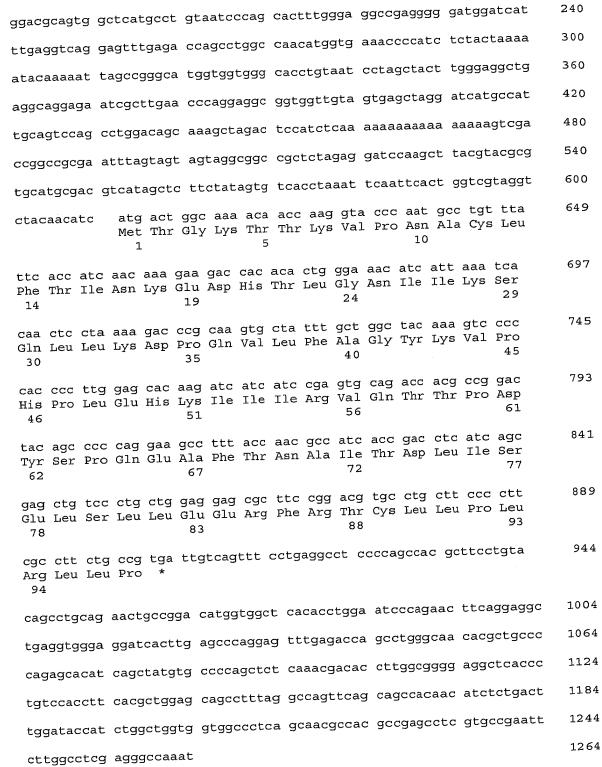
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	ctgca						~	202	atc	cca	atc	ctc Leu	tqq	gga	tgt	ttc ´	168	
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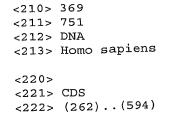
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142	147	152	157
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Leu Asn Ala Asn Leu	Ser Thr Leu Glu Val	Leu Thr Lys Ile Asp	Asn
158	163	168	173
tac act ctg ctg gat	tac tcc cta atc agt	tct cca gaa att act	gag 696
Tyr Thr Leu Leu Asp	Tyr Ser Leu Ile Ser	Ser Pro Glu Ile Thr	Glu
174	179	184	189
aac tac ctt gac ctg	g aac ttg aag ggt gta	a ttc tac cca ctg gaa	aac 744
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190	195	200	205
ctc acc gac ccc ccc	ttc tca cca gtt cct	t ttt gtg ctc cca gaa	cgc 792
Leu Thr Asp Pro Pro	Phe Ser Pro Val Pro	o Phe Val Leu Pro Glu	Arg
206	211	216	221
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Ser Asn Ser Met Let	1 Tyr Ile Gly Ile Ala	a Glu Tyr Phe Phe Lys	s Ser
222	227	232	237
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Ala Ser Phe Ala Hi:	s Phe Thr Ala Gly Va	l Phe Asn Val Thr Let	1 Ser
238	243	248	253
acc gaa gag att tc	c aac cat ttt gtt ca	a aac tct caa ggc ct	t ggc 936
Thr Glu Glu Ile Se	r Asn His Phe Val Gl	n Asn Ser Gln Gly Le <sup>.</sup>	u Gly
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Met Val Arg Ile Me	t Ala Thr Glu Pro Pr	co Ile Ile Asn Leu Gl	n Pro
286	291	296	301
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Pro Lys Asn Ser Th	nr Val Glu Thr Ile Va	al Ser Met Asp Phe Va	al Ala
318	323	328	333
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	ly Leu Val Ile Leu G	ly Gln Arg Leu Val Cy	ys Ser
	339	344	349
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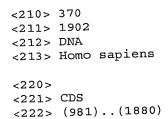
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ggg tcg gag gac tac gag aac ctg ccg act agc gcc tcc gtg tcc acc Gly Ser Glu Asp Tyr Glu Asn Leu Pro Thr Ser Ala Ser Val Ser Thr cac atg aca gca gga gcg atg gcc ggg atc ctg gag cac tcg gtc atg His Met Thr Ala Gly Ala Met Ala Gly Ile Leu Glu His Ser Val Met tac ccg gtg gac tcg gtg aag aca cga atg cag agt ttg agt cca gat Tyr Pro Val Asp Ser Val Lys Thr Arg Met Gln Ser Leu Ser Pro Asp ccc aaa gcc cag tac aca agt gtc tac gga gcc ctc aag aaa atc atg Pro Lys Ala Gln Tyr Thr Ser Val Tyr Gly Ala Leu Lys Lys Ile Met cgg acc gaa ggc ttc tgg agg ccc ttg cga ggc gtc aac gtc atg atc Arg Thr Glu Gly Phe Trp Arg Pro Leu Arg Gly Val Asn Val Met Ile atg ggt gca ggg cca gcc cat gcc atg tat ttt gcc tgc tat gaa aac Met Gly Ala Gly Pro Ala His Ala Met Tyr Phe Ala Cys Tyr Glu Asn atg aaa agg act tta aat gac gtt ttc cac cac caa gga aac agc cac Met Lys Arg Thr Leu Asn Asp Val Phe His His Gln Gly Asn Ser His cta gcc aac ggg ata gct ggg agt atg gcc acc ctg ctc cac gat gcg Leu Ala Asn Gly Ile Ala Gly Ser Met Ala Thr Leu Leu His Asp Ala gta atg aat cca gca gaa gtg gtg aag cag cgc ttg cag atg tac aac Val Met Asn Pro Ala Glu Val Val Lys Gln Arg Leu Gln Met Tyr Asn teg cag cae egg tea gea ate age tge ate egg aeg gtg tgg agg ace Ser Gln His Arg Ser Ala Ile Ser Cys Ile Arg Thr Val Trp Arg Thr gag ggg ttg ggg gcc ttc tac cgg agc tac acc acg cag ctg acc atg Glu Gly Leu Gly Ala Phe Tyr Arg Ser Tyr Thr Thr Gln Leu Thr Met aac atc ccc ttc cag tcc atc cac ttc atc acc tat gag ttc ctg cag Asn Ile Pro Phe Gln Ser Ile His Phe Ile Thr Tyr Glu Phe Leu Gln gag cag gtc aac ccc cac cgg acc tac aac ccg cag tcc cac atc atc Glu Gln Val Asn Pro His Arg Thr Tyr Asn Pro Gln Ser His Ile Ile tca ggc ggg ctg gcc ggg gcc ctc gcc gcg gcc gcg aat tcg gat cct Ser Gly Gly Leu Ala Gly Ala Leu Ala Ala Ala Asn Ser Asp Pro 

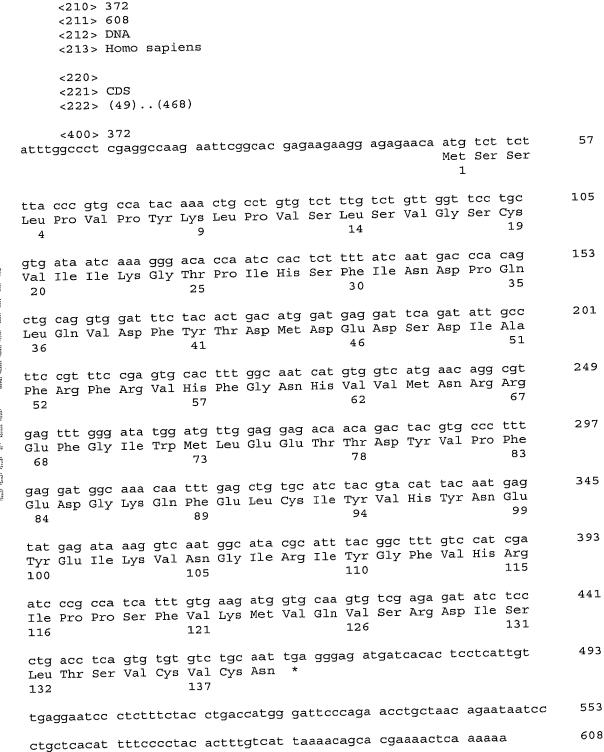
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733

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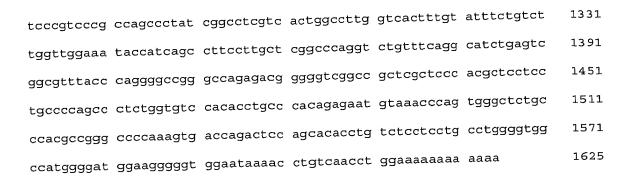
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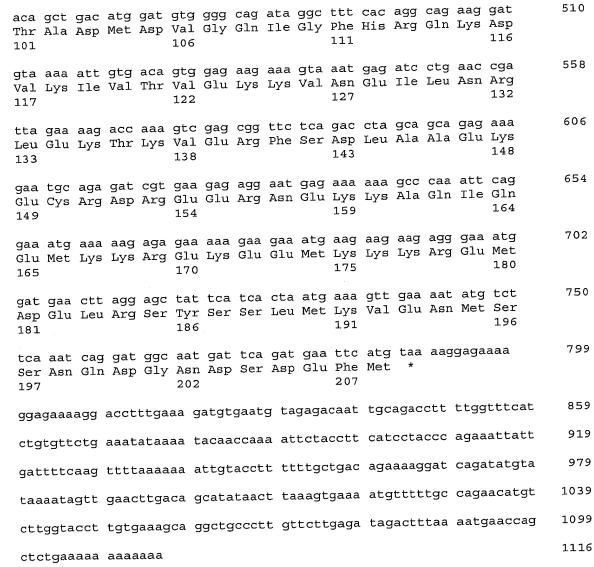
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	agg Arg 182	ggc Gly	gtg Val	act Thr	gag Glu	gac Asp 187	tac Tyr	ctg Leu	cgc Arg	ctg Leu	gag Glu 192	acg Thr	ctg Leu	gtc Val	cag Gln	aag Lys 197	630
	gtg Val 198	gtg Val	tcg Ser	cca Pro	tac Tyr	ctg Leu 203	ggc Gly	acc Thr	tac Tyr	ggc Gly	ctc Leu 208	cac His	tcc Ser	agc Ser	gag Glu	ggg Gly 213	678
	ccc Pro 214	ttc Phe	acc Thr	cat His	tcc Ser	tgc Cys 219	atc Ile	ctg Leu	gaa Glu	aag Lys	cgc Arg 224	ctc Leu	ctc Leu	cgc Arg	cgc Arg	tcc Ser 229	726
	cgc Arg 230	tcg Ser	gly aaa	gac Asp	gtg Val	ctg Leu 235	gcc Ala	aag Lys	aac Asn	cct Pro	gtg Val 240	gtg Val	cgc Arg	tcc Ser	aag Lys	agc Ser 245	774
	tac Tyr 246	aac Asn	acg Thr	cct Pro	ctg Leu	ctg Leu 251	aac Asn	ccc Pro	gtg Val	cag Gln	gag Glu 256	cac His	gag Glu	gcg Ala	gag Glu	ggc Gly 261	822
ET ST IT	gcg Ala 262	gcg Ala	gcc Ala	ggc Gly	ggt Gly	acc Thr 267	agc Ser	atc Ile	cgc Arg	agg Arg	cac His 272	tct Ser	gtg Val	tcg Ser	gag Glu	atg Met 277	870
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Starts Sints with	ccc Pro 310	agc Ser	aga Arg	ctg Leu	tac Tyr	ccc Pro 315	acg Thr	acc Thr	cag Gln	ccc Pro	cct Pro 320	Glu	cag Gln	ggc Gly	ttg Leu	gat Asp 325	1014
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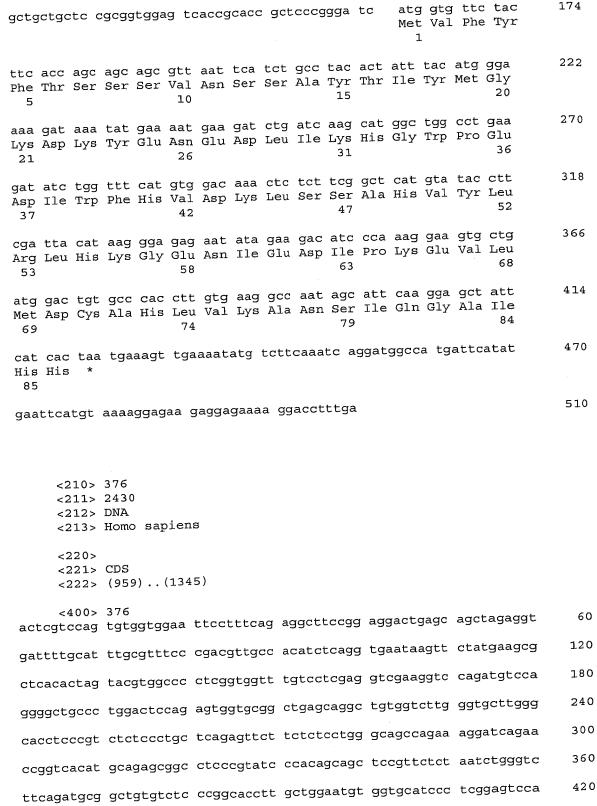


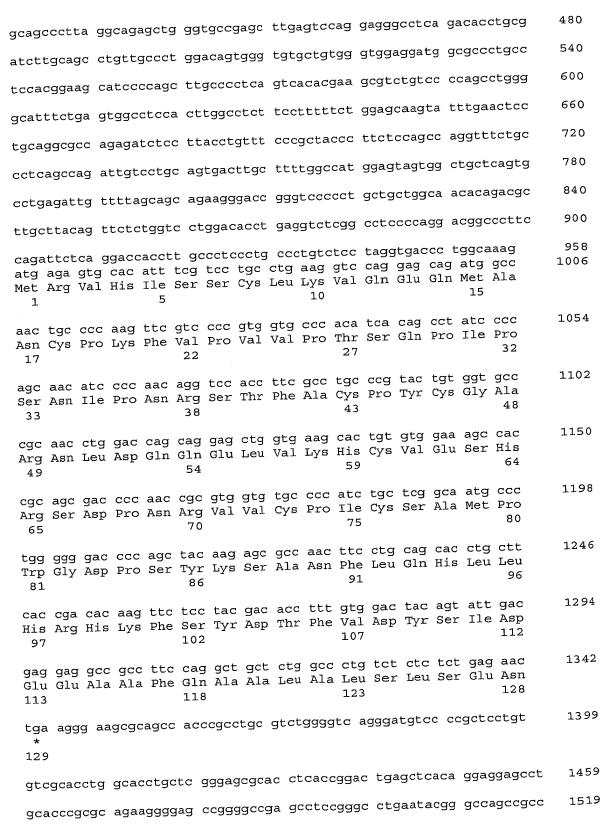
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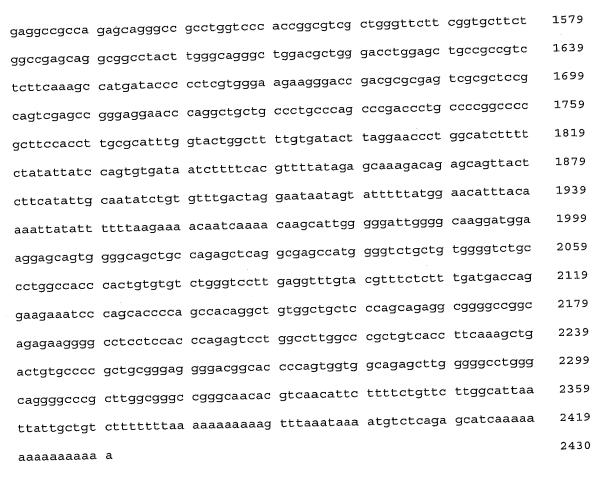
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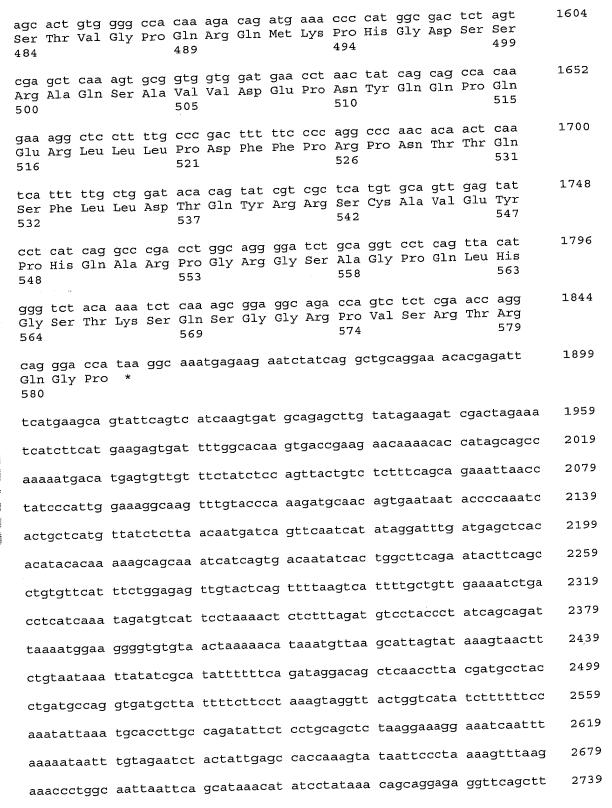
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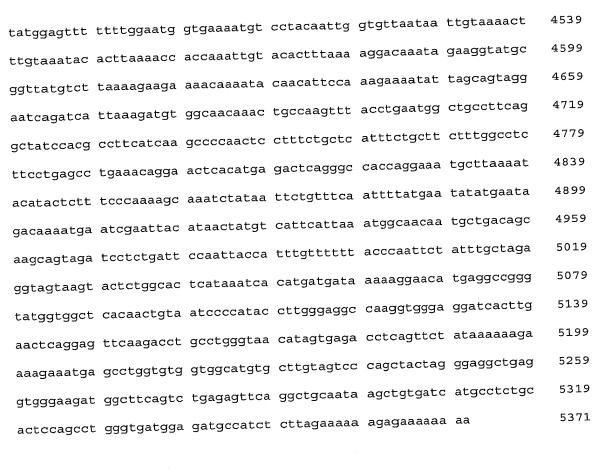
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THE THE PERSON	gct Ala 164	gtt Val	tcc Ser	gct Ala	tca Ser	tat Tyr 169	gaa Glu	aca Thr	acc Thr	ttg Leu	tct Ser 174	caa Gln	gaa Glu	aga Arg	gat Asp	tct Ser 179	644
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cga aat aat ctg Arg Asn Asn Leu 468	cta cca cct Leu Pro Pro 473	t att ggc ac o Ile Gly Th	a gct gaa gtg gaa r Ala Glu Val Glu 478	cat gtg 1556 His Val 483







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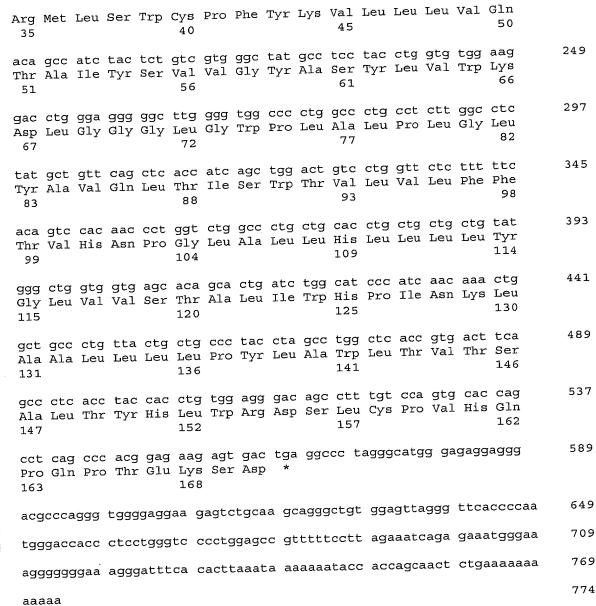
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Met Arg
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Ctt caa ggg gct atc ttt gtg ctc ctg ccc cac ctg ggg ccc atc ctg
Leu Gln Gly Ala Ile Phe Val Leu Leu Pro His Leu Gly Pro Ile Leu
3 8 13 18

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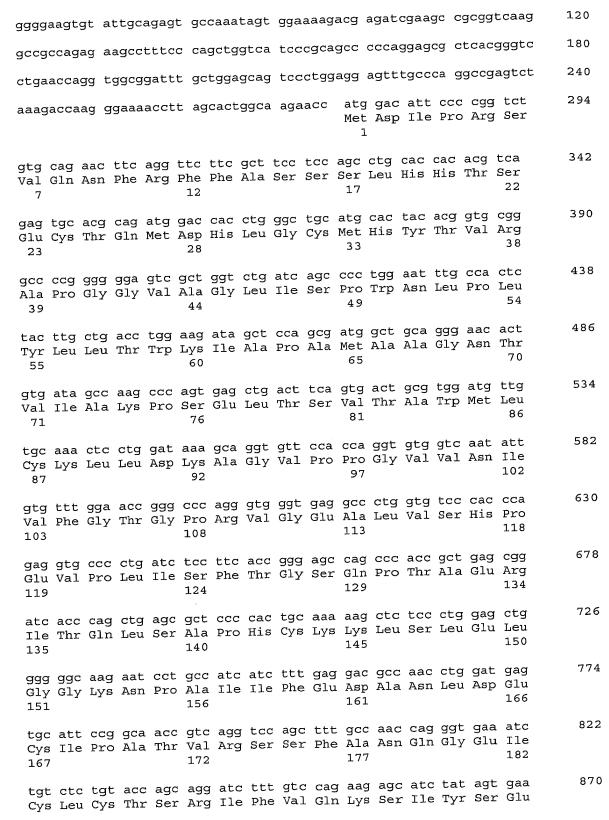
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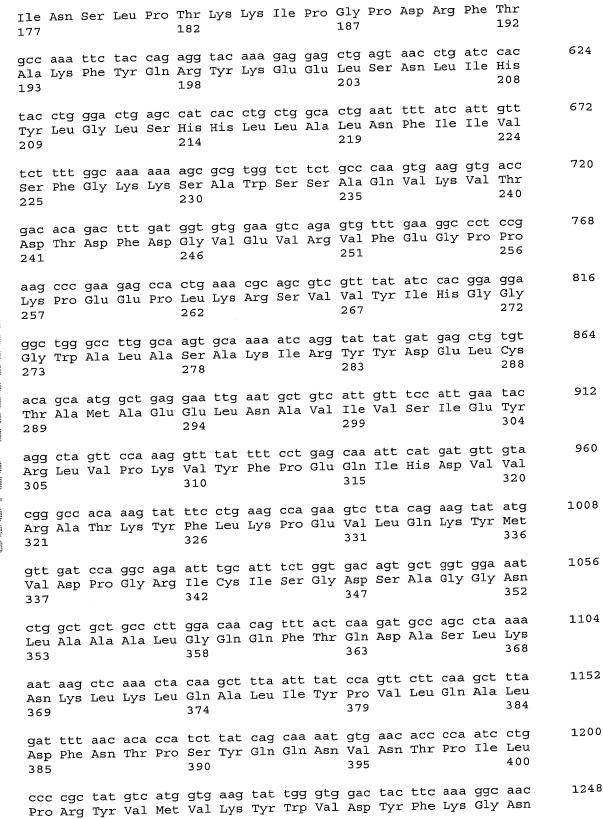


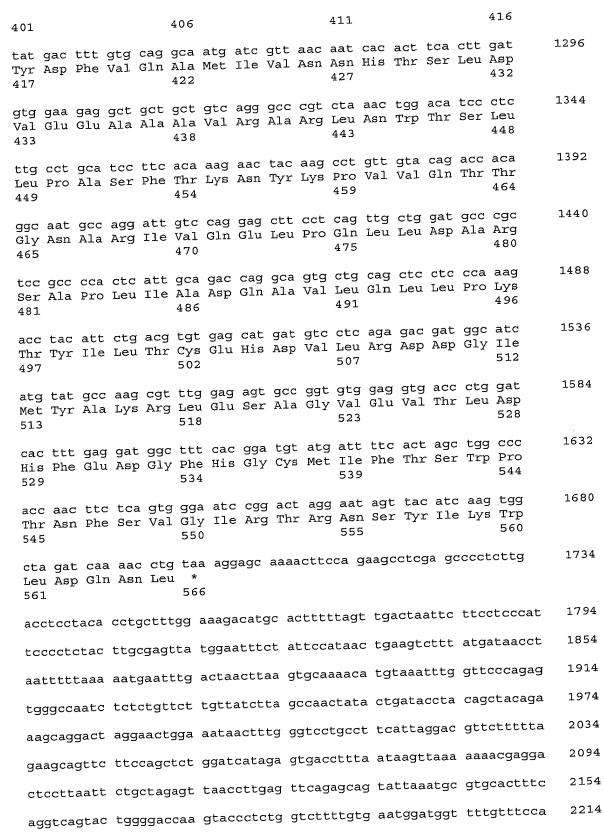




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ccc tct gat cca ctg	gtg agc ata gg	t gct ctg ata agt	aaa gca cat 966
Pro Ser Asp Pro Leu	Val Ser Ile Gl	y Ala Leu Ile Ser	Lys Ala His
215	220	225	230
ttg gag aaa gtc aga	agt tac gtc aa	ng aga gct ctt gct	gaa ggt gcc 1014
Leu Glu Lys Val Arg	Ser Tyr Val Ly	vs Arg Ala Leu Ala	Glu Gly Ala
231	236	241	246
caa att tgg tgc ggt	gag gga gtg ga	at aag ttg agc ctc	cct gcc agg 1062
Gln Ile Trp Cys Gly	Glu Gly Val As	sp Lys Leu Ser Leu	Pro Ala Arg
247	252	257	262
aac cag gca ggc tac	ttt atg ctt co	cc acg gtg ata aca	gac att aag 1110
Asn Gln Ala Gly Tyr	Phe Met Leu Pi	ro Thr Val Ile Thr	Asp Ile Lys
263	268	273	278
gat gaa tcc tgc tgc	e atg acg gaa ga	ag ata ttt ggt cca	gtg acg tgt 1158
Asp Glu Ser Cys Cys	s Met Thr Glu G	lu Ile Phe Gly Pro	Val Thr Cys
279	284	289	294
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tgc tgg ctc atc agg	g gag ctg aac c	ett cct ttc ggg ggg	atg aag agt 1350
Cys Trp Leu Ile Arg	g Glu Leu Asn L	eu Pro Phe Gly Gly	Met Lys Ser
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Ser Gly Ile Gly Ar	g Glu Gly Ala I	ys Asp Ser Tyr Asp	
359	364	369	
gag atc aaa acc at Glu Ile Lys Thr Il 375	c acc gtt aaa c e Thr Val Lys F 380	cac tga t ctttgctaa His *	t ggtggagcca 1449
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atgaattcca gctatgc	ctt gacttggcag	aaggttatct ctagctt	atc ctcagttctt 1569
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See than

T.

41

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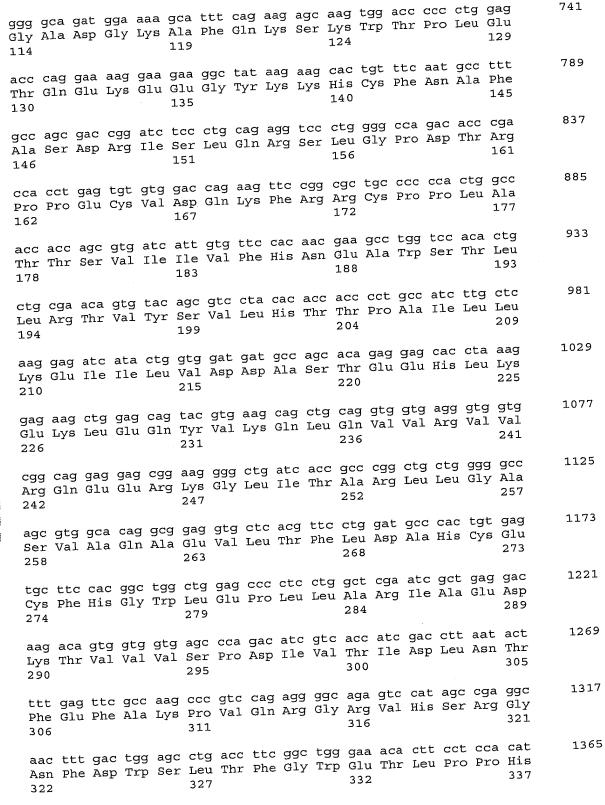
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gag a	aag Lys	cag Gln	agg Arg	cgc Arg	aag Lys 343	gat Asp	gaa Glu	acc Thr	tac Tyr	c cc c Pr 34		tc	aaa Lys	tcc Ser	ccg Pro	ac Th 35	g r 3	1413
ttt Phe 354	gct Ala	ggt Gly	ggg	cto Lev		Ser	atc Ile	tcc Ser	aaq Lyi	5 0	cc t er T 64	ac Yr	ttt Phe	gag Glu	cac His	at Il 36	.c .e 59	1461
ggt Gly 370	acc Thr	tat Tyr	gat Asr	aat Asi	cag Gln 375	мет	gag Glu	ato Ile	tg:	p G.	ga g ly 0 80	31 Y 39 B	gag Glu	aac Asn	gtg Val	ga Gl 38	ia .u 35	1509
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	tg <u>c</u> Trp	g at	g ga t As	c ag p Se	c ta r Ty 43	r ьу	g aa s Ly	g at s Il	t tt e Pl	.10 1	cat Fyr 444	agg Arg	aga Arg	aat Asn	cto Le	g c u G 4	ag In 49	1701
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	c gg	t go y Al	ec a la I	tc a le L	ag aa ys Aa 5	ac ct sn Le	cc gg eu Gi	gc a ly T	cc a hr A	ac Asn	caa Gln 508	Cy.	c cto s Le	g ga u As	t gt p Va	g q	ggt Gly 513	1893
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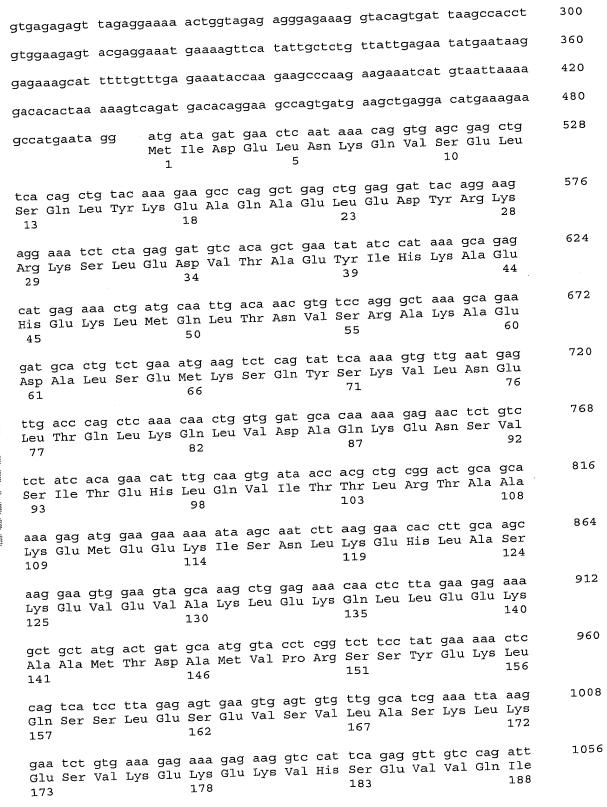
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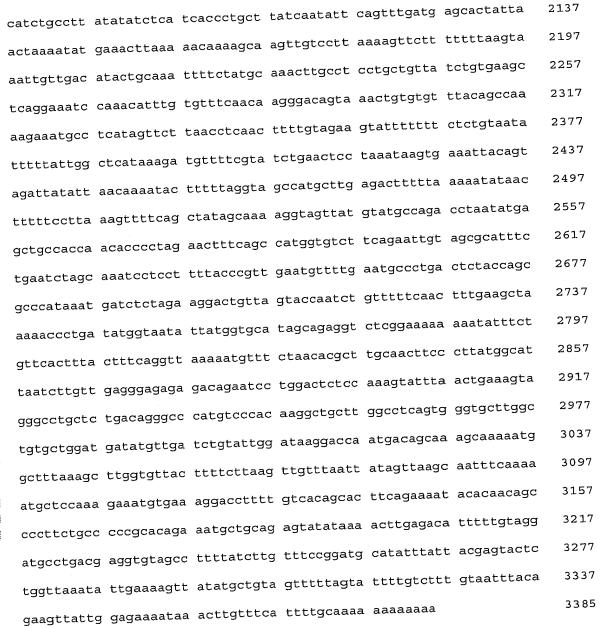
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gct gtg cag ggc cag atg gat gaa gat gtc cag aaa gta ctg aag caa Ala Val Gln Gly Gln Met Asp Glu Asp Val Gln Lys Val Leu Lys Gln 317 322 327 327	1488
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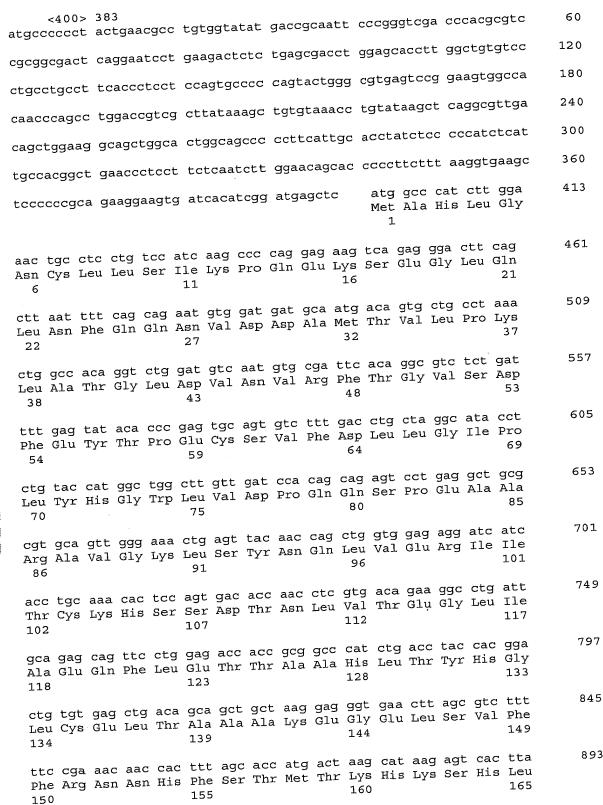
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<222> (399)..(1313)





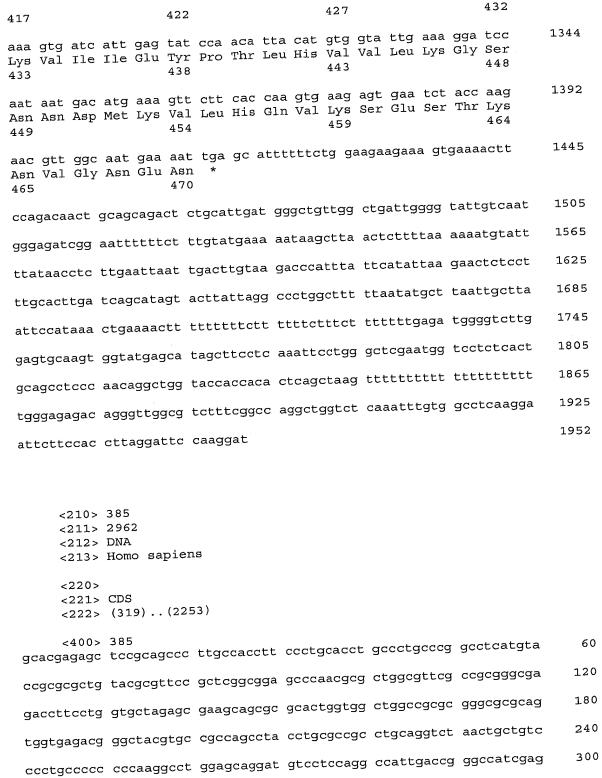


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face hard			aaco	tac	ccct	tct	tcca	.gagg	gct a	tggc	tagt	t gg	gcttg	ctcc	ccc	gcctcca	1387
Santa Santa	ac	ect.	ragat	ato	actac	ata	actt	attt	at s	ggact	gtte	aa aa	gatga	gago	agg	ıcaacaaa	1447
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Hand the trans than	tat Tyr 305	atg Met	tac Tyr	ttt Phe	atg Met	aaa Lys 310	aat Asn	cgt Arg	gcc Ala	cgg Arg	agg Arg 315	caa Gln	ggt Gly	att Ile	aac Asn	tta Leu 320	960
	aaa Lys 321	ctt Leu	cta Leu	ccc Pro	aat Asn	gga Gly 326	ttc Phe	acc Thr	aag Lys	agg Arg	aag Lys 331	gag Glu	aat Asn	tca Ser	acc Thr	ttt Phe 336	1008
And the test of	ttt Phe 337	gat Asp	aag Lys	aaa Lys	aaa Lys	caa Gln 342	cag Gln	ttt Phe	tgt Cys	tgg Trp	cat His 347	vaı	aag Lys	ctc Leu	cag Gln	ttt Phe 352	1056
Ver 30,4	cct Pro 353	caa Gln	agt Ser	caa Gln	gct Ala	gag Glu 358	ı Tyr	Ile	gaa Glu	Lys	Arg	vaı	cca Pro	gat Asp	gat Asp	aaa Lys 368	1104
	act Thr 369	Ile	aat Asr	gaa Glu	atc	cta Leu	ı Lys	cct	tac Tyr	att Ile	gat Asp 379	Pro	gaa Glu	aag Lys	g tct Ser	gat Asp 384	1152
	cct Pro 385	Val	att Ile	cgt Arg	caa Glr	agg Arg 390	g Leu	aaa Lys	gcc Ala	tac Tyr	att 11e 395	e Arc	tct g Ser	caç Glr	g act n Thi	ggg Gly 400	1200
	gtt Val 401	. Glr	g att	tta e Leu	a at <u>c</u> 1 Met	g aag Lys 400	s Ile	gaa Glu	a tat ı Tyr	ato Met	g cag Glr 411	ı GII	a aat n Asn	tta Lei	a gta ı Val	a aga L Arg 416	1248
	tat Tyr	tai Ty:	gaa r Gl	a cta u Lei	a gat ı Ası	c cc	t tat o Tyi	aaa Lys	a agt s Sei	cto Lei	c cta ı Lev	a gad 1 As]	c aat o Asr	ttq Le	g agg	g aac g Asn	1296

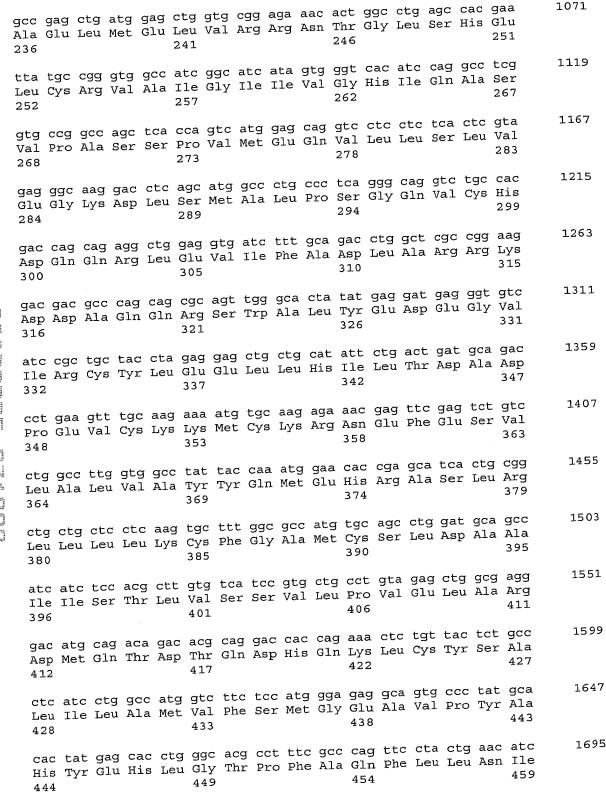


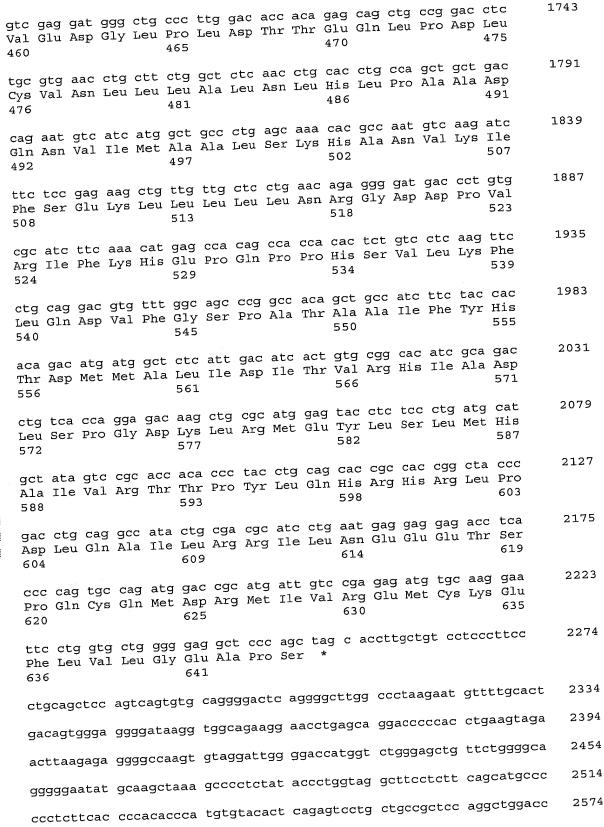
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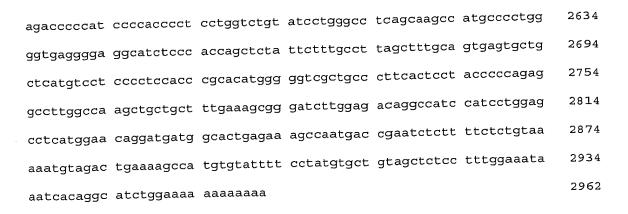
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cgc Arg 28	aga Arg	ggc	cct Pro	tca Ser	gcc Ala 33	tcc Ser	agt Ser	gtt Val	g(	ca g la V	gtt Val 38	atg Met	acc Thr	to S	ca ( er (	tca Ser	acc Th:	c r 3	447
agt Ser 44	gac Asp	cac His	cac His	ttg Lei	gat Asp 49	Ala	gct Ala	gca Ala	ı go	cc a la a	agg Arg 54	cag Gln	Pro	a A	at sn	gjà aaa	gte Va 5	g 1 9	495
tgt Cys 60	Arg	gct	. Gl	g tto 7 Pho	gag Glu	Arg	g Cag g Gli	g cac n His	s S	gc er	cta Leu 70	ccc Pro	agi Se:	t t r S	ct	gag Glu	ca Hi 7	t \$ 5	543
ctt Leu 76	Gly	gca Ala	a ga a As	t gg o Gl	a ggo y Gly 8:	т цеч	tao 1 Ty:	c caq c Gli	g a n I	tc le	cca Pro 86	ctt Leu	cc Pr	a t	ct Ser	tcc Ser	ca Gl	g .n 91	591
ato Ile 92	Pro	cca Pro	a ca o Gl	g cc n Pr	t cg o Ar	g Ar	a gc g Al	a gca	a c a P	ro	acc Thr 102	aca Thr	cc Pr	o I	ecc Pro	cca Pro	Pr 10	ea co )7	639
gto Val	Lys	g cg	c cg g Ar	a ga g As	c cg p Ar 11	a GT	g gc u Al	c ct a Le	g a u M	atg Met	gcc Ala 118	tct Ser	. Gl	g a	agt Ser	ggt Gly	. gg . G.	gc ly 23	687
cac Hi	s As	c ac n Th	c at r Me	g co et Pr	c to so Se	r G1	y Gl g gg	t aa y As	c t	tct Ser	gtg Val 134		c ag	jc (	ggc Gly	tcc Ser	5 to 50	ca er 39	735
gt Va 14	l Se	c ag r Se	c ac	cc to ir Se	cc ct er Le 14	u As	ic ac sp Th	g ct ir Le	c i	tat Tyr	acc Thr 150		r Se	cc er	agc Ser	cca Pro	a t o S 1	ct er 55	783
ga Gl 15	u Pr	a gg	jc to .y So	cc ag er S	gc to er Cy 10	rs 50	ca co er Pi	cc ac	ca nr	ccc Pro	cca Pro	,	t gi	tg al	ccc Pro	cg Ar	c c g A 1	ga .rg .71	831
99 Gl 17	y Th	c ca	ac a Ls T	cc a hr T	cc gt hr Va 1'	g to al Se	cc ca er G	aa gt ln Va	tc al	cag Gln	cco Pro 183	<i>,</i>	t c	cc ro	tcc Ser	aa Ly	g 9 s A 1	jca 11a 187	879
to Se 18	er Al	a co la Pi	ct g ro G	aa c lu P	cc co ro Pi	ct g ro A 93	ca g la G	aa g lu G	aa lu	gaa Glu	a gte 1 Va 19	T 127	a a .a T	ct hr	ggt Gl	ac Th	a a r T	acc Thr 203	927
Se	ca go er Al	cc to la S	ct g er A	at g sp A	ac c sp L 2	tg g eu G 09	aa g lu A	cc c la L	tg eu	ggt	ac y Th 21		g a eu S	igc Ser	cto	g gg ı Gl	-	acc Thr 219	975
T)	ca go hr G	ag g lu G	ag a lu I	ag g ys <i>I</i>	ıca g la A 2	ca g la A 25	ct g la G	ag g llu A	ıcg la	gct Ala	t gt a Va 23		cc a	agg Arg	ac Th	c at r Il	t ( Le	ggg Gly 235	1023







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<220>
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<222> (101)..(658)
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Tyr Asn Gln Ser Glu Tyr Pro Trp Asp Leu Val Lys Ala His Leu Gln 53

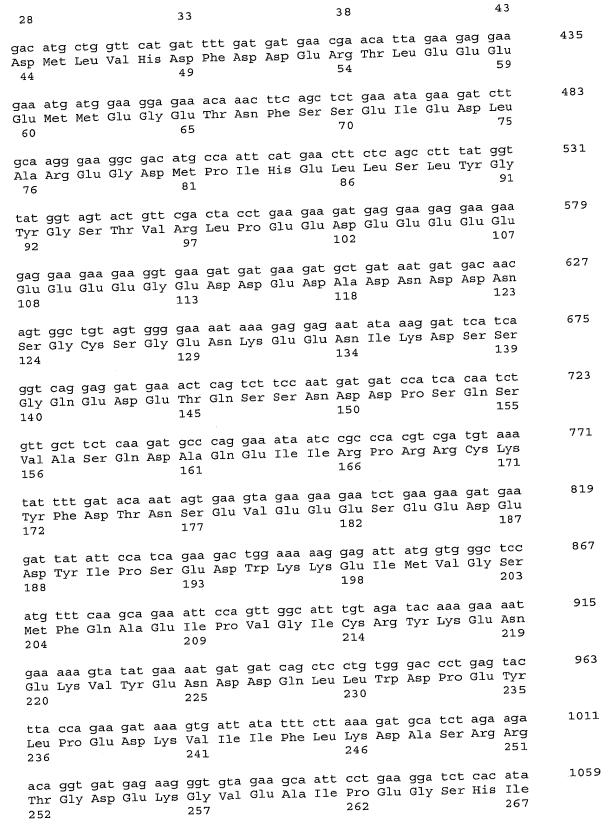
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Gly Ala Phe Thr Ser Asn Ile Thr Phe Asp Ile Ser Glu Leu Gln Asn 69

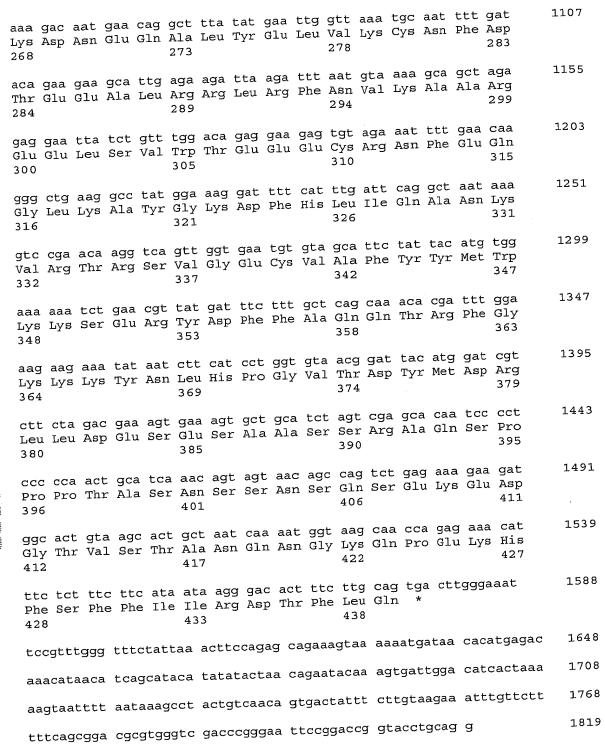
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Lys Ile Leu Asp Leu Asn Arg His Thr Gln Glu Phe Gln Pro Ser Leu 80

gaa gac tgg act gaa ttc cag gaa ggc ctg gag agc ctc aac cct tgg
Glu Asp Trp Thr Glu Phe Gln Glu Gly Leu Glu Ser Leu Asn Pro Trp
86
91
101



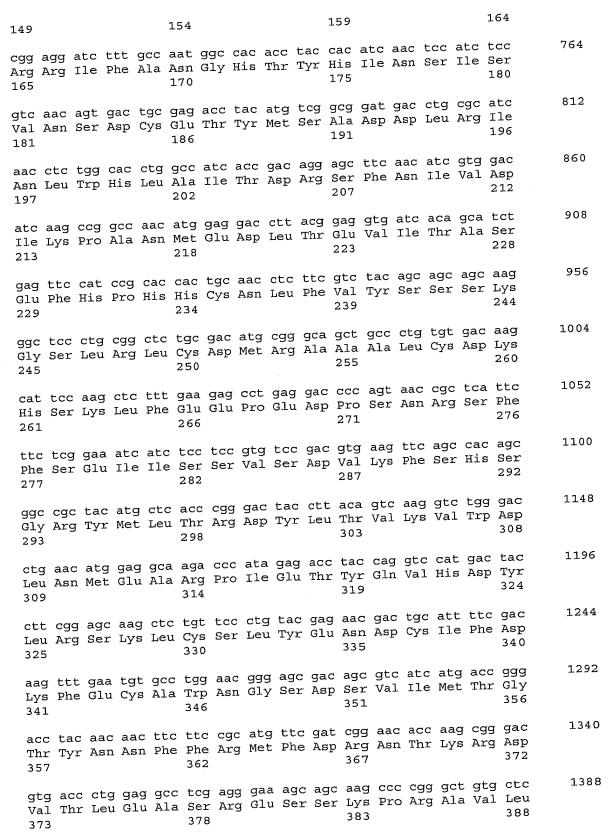
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acc gcc aat cgg aga atg aga gct gcc cag cct ggt ctt aca ttc ttt Thr Ala Asn Arg Arg Met Arg Ala Ala Gln Pro Gly Leu Thr Phe Phe 134 139 144 149	547													
caa tta att cat aaa cag ggg gat atg cag gga gcc gaa ggc cca tgg Gln Leu Ile His Lys Gln Gly Asp Met Gln Gly Ala Glu Gly Pro Trp 150 155 160 165	595													
gac gtg acc aac tca gca ttc cac tgg agg cta tat gat caa aca gca Asp Val Thr Asn Ser Ala Phe His Trp Arg Leu Tyr Asp Gln Thr Ala 166 171 176 181	643													
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cggcagcagc ggcagcggct atggtgtggt cgctcgattc tcccagtgcc tggctgagtt	180													
tcggacgtgg ttaagaacca actggttgag gttcaatgca gacaagacgg atgtgatgct	240													
gtagaaaatg tgcatcag atg ttt atg ttt aat tgg ttt aca gac tgt ctg Met Phe Met Phe Asn Trp Phe Thr Asp Cys Leu 1 5	291													
tgg act ctt ttc ctg tca aat tac cag cca tct gtt gaa tct tca agt Trp Thr Leu Phe Leu Ser Asn Tyr Gln Pro Ser Val Glu Ser Ser Ser 12 27	339													
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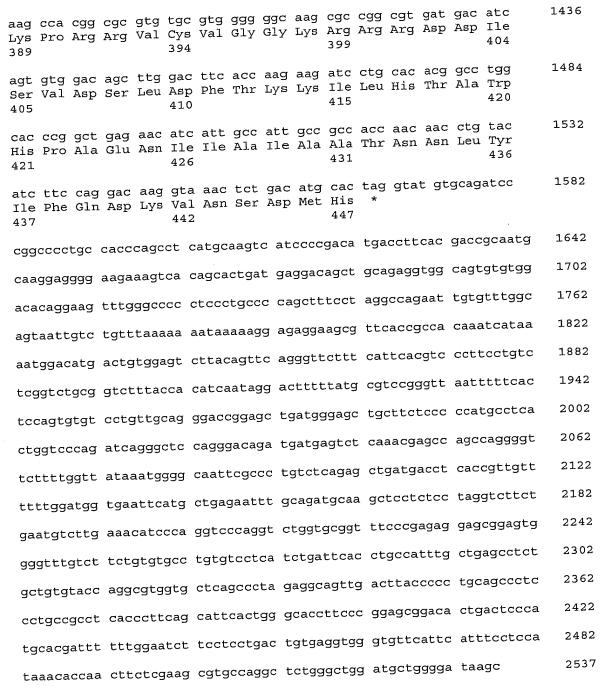




<211> 2537

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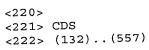


<sup>&</sup>lt;210> 389

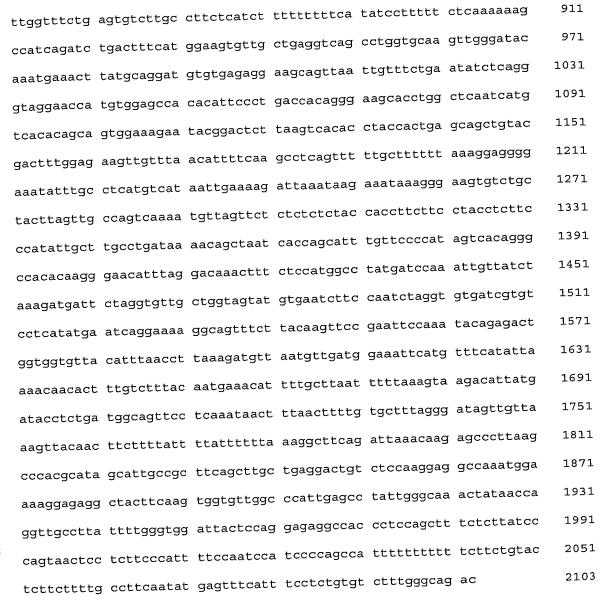
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<sup>&</sup>lt;212> DNA

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	170
gactgtcaga a atg agt ttt tca ctg aac ttc acc ctg ccg gcg aac aca Met Ser Phe Ser Leu Asn Phe Thr Leu Pro Ala Asn Thr 1 5 10	
acg tcc tct cct gtc aca ggt ggg aaa gaa acg gac tgt ggg ccc tct Thr Ser Ser Pro Val Thr Gly Gly Lys Glu Thr Asp Cys Gly Pro Ser 14 29	218
ctt gga tta gcg gcg ggc ata cca ttg ctg gtg gcc aca gcc ctg ctg Leu Gly Leu Ala Ala Gly Ile Pro Leu Leu Val Ala Thr Ala Leu Leu 30 35 40 45	266
gtg gct tta cta ttt act ttg att cac cga aga aga agc agc att gag Val Ala Leu Leu Phe Thr Leu Ile His Arg Arg Arg Ser Ser Ile Glu 46 51 56 61	314
gcc atg gag gaa agt gac aga cca tgt gaa att tca gaa att gat gac Ala Met Glu Glu Ser Asp Arg Pro Cys Glu Ile Ser Glu Ile Asp Asp 62 67 72 77	362
aat ccc aag ata tct gag aat cct agg aga tca ccc aca cat gag aag Asn Pro Lys Ile Ser Glu Asn Pro Arg Arg Ser Pro Thr His Glu Lys 78 83 93	410
aat acg atg gga gca caa gag gcc cac ata tat gtg aag act gta gca Asn Thr Met Gly Ala Gln Glu Ala His Ile Tyr Val Lys Thr Val Ala 94 99 104	458
gga agc gag gaa cct gtg cat gac cgt tac cgt cct act ata gaa atg Gly Ser Glu Glu Pro Val His Asp Arg Tyr Arg Pro Thr Ile Glu Met 110 115 120	506
gaa aga agg agg gga ttg tgg tgg ctt gtg ccc aga ctg agc ctg gaa Glu Arg Arg Arg Gly Leu Trp Trp Leu Val Pro Arg Leu Ser Leu Glu 126 131 136 136	554
tga tgca gctcagtcaa ggagcagcag acctggcact ggaacagggt tgaaaaccca * 142	611
gggttttgta cttggagagg aaagatgcca agctgcttct taatcaatcc aaatttcatt	671
tacagctctg gaacactttg gggctgattt gtctctttag gggacatccc caacatggtt	731
aattocaact ctcagatott gtgotttagt tagtacatgt gactcaccag atggggtoot	791
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<sup>&</sup>lt;212> DNA

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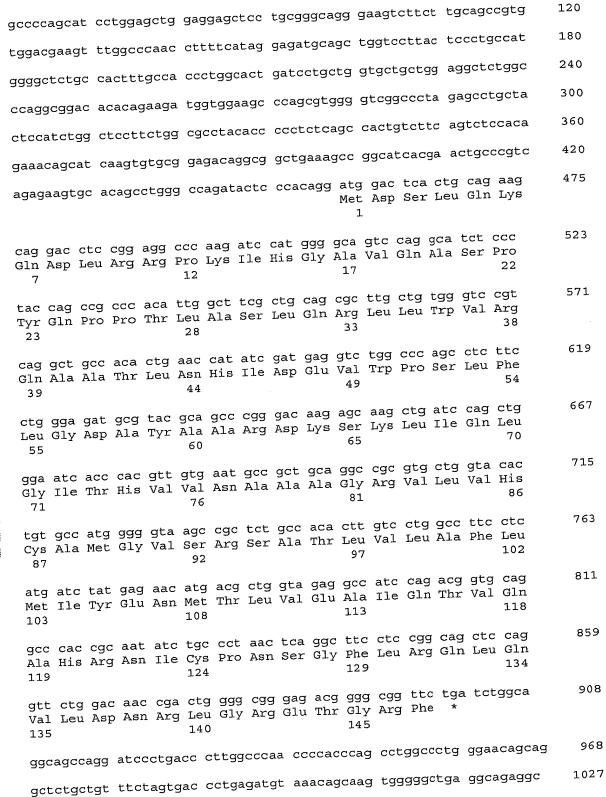
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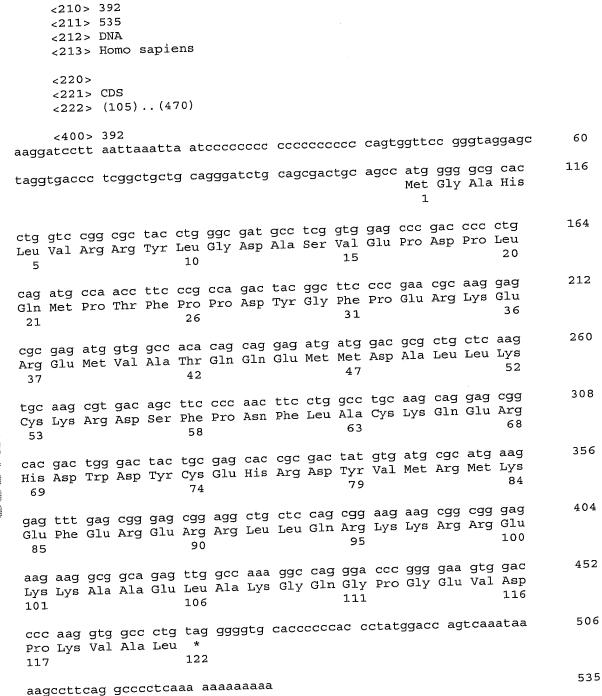
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<sup>&</sup>lt;400> 390

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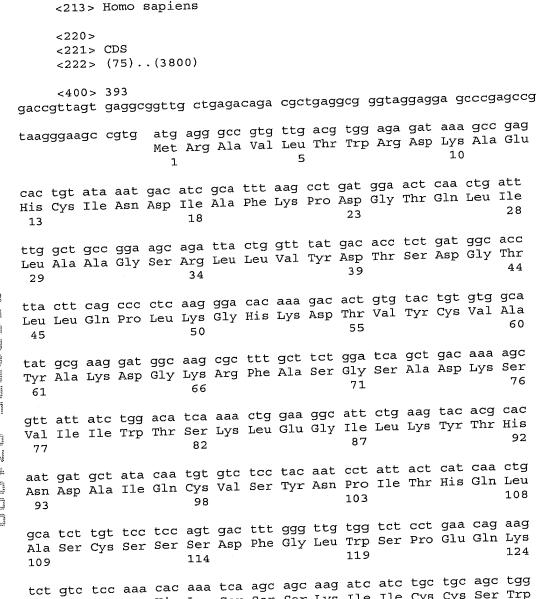


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ctg gtc cgg cgc tac ctg ggc gat gcc tcg gtg gag ccc gac ccc ctg Leu Val Arg Arg Tyr Leu Gly Asp Ala Ser Val Glu Pro Asp Pro Leu 5 10 15 20	164
cag atg cca acc ttc ccg cca gac tac ggc ttc ccc gaa cgc aag gag Gln Met Pro Thr Phe Pro Pro Asp Tyr Gly Phe Pro Glu Arg Lys Glu 21 26 31 36	212
cgc gag atg gtg gcc aca cag cag gag atg atg gac gcg cag ctg agg Arg Glu Met Val Ala Thr Gln Glu Met Met Asp Ala Gln Leu Arg 37 42 47 52	260
ctc cag ctg cgg gac tac tgc gcc cac cac ctc atc cgg ctg ctc aag Leu Gln Leu Arg Asp Tyr Cys Ala His His Leu Ile Arg Leu Leu Lys 53 58 63 68	308
tgc aag cgt gac agc ttc ccc aac ttc ctg gcc tgc aag cag gag cgg Cys Lys Arg Asp Ser Phe Pro Asn Phe Leu Ala Cys Lys Gln Glu Arg 69 74 79 84	356
cac gac tgg gac tac tgc gag cac cgc gac tat gtg atg cgc atg aag His Asp Trp Asp Tyr Cys Glu His Arg Asp Tyr Val Met Arg Met Lys 85 90 95 100	404
gag ttt gag cgg gag cgg agg ctg ctc cag cgg aag aag cgg cgg gag Glu Phe Glu Arg Glu Arg Arg Leu Leu Gln Arg Lys Lys Arg Arg Glu 101 106 111	452
aag aag gcg gca gag ttg gcc aaa ggc cag gga ccc ggg gaa gtg gac Lys Lys Ala Ala Glu Leu Ala Lys Gly Gln Gly Pro Gly Glu Val Asp 117 122 127 132	500
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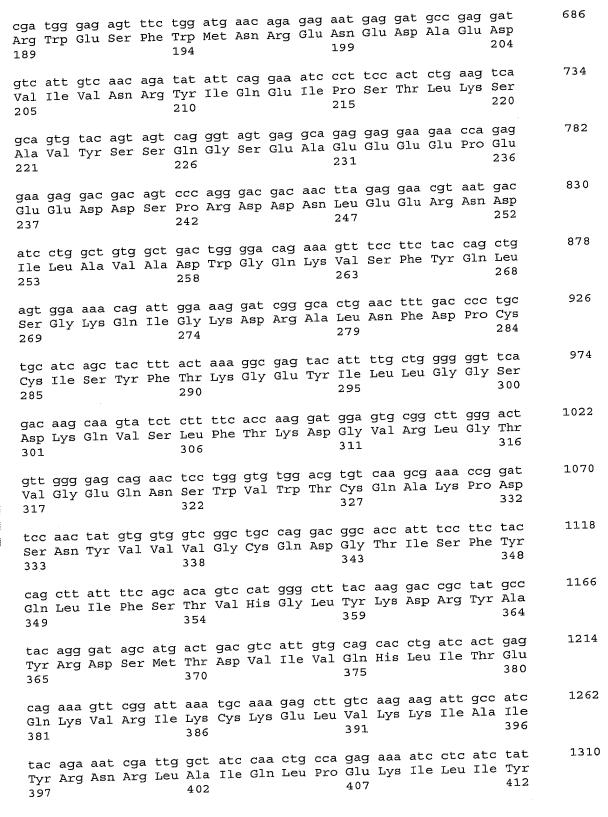
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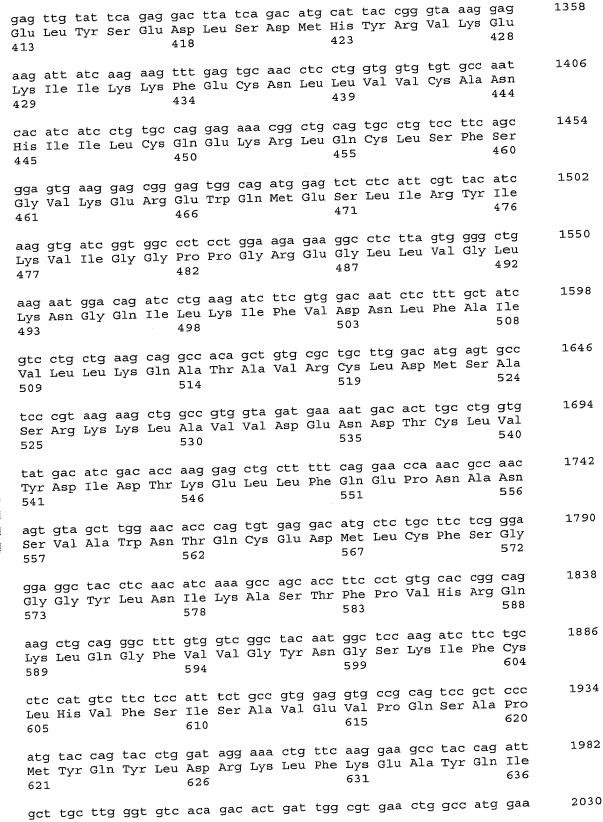


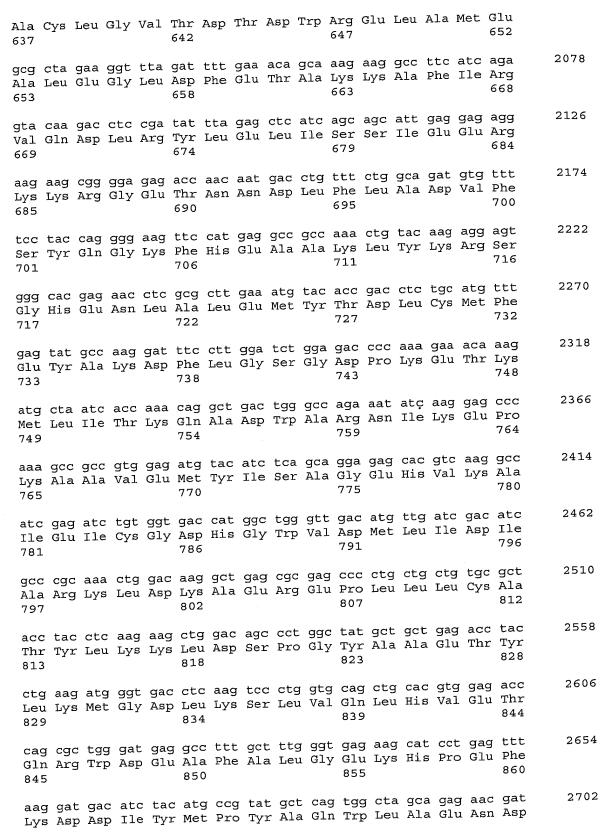
Thr Asn Asp Gly Gln Tyr Leu Ala Leu Gly Met Phe Asn Gly Ile Ile agc ata cgg aac aaa aat ggc gag gag aaa gta aag atc gag cgg ccg Ser Ile Arg Asn Lys Asn Gly Glu Glu Lys Val Lys Ile Glu Arg Pro ggg ggc tcc ctc tcg cca ata tgg tcc atc tgc tgg aac cct tca agc Gly Gly Ser Leu Ser Pro Ile Trp Ser Ile Cys Trp Asn Pro Ser Ser 

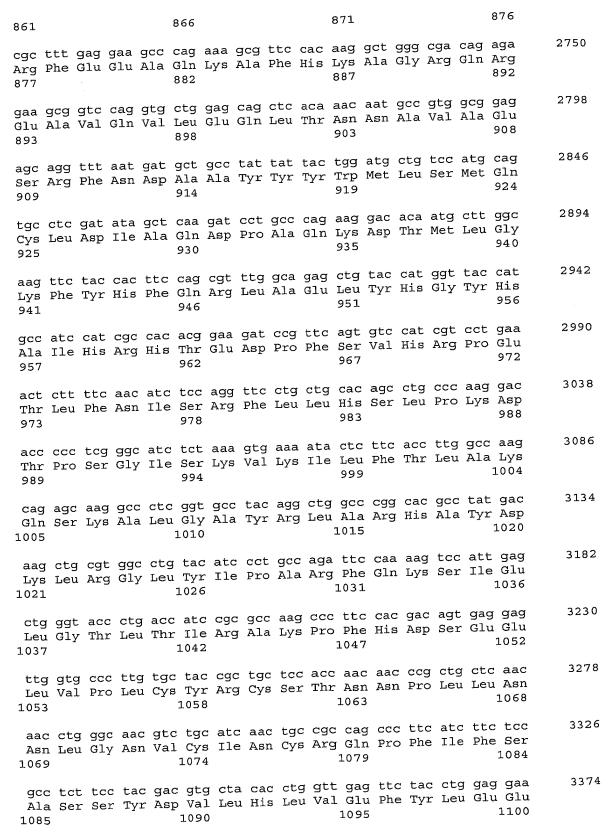
Ser Val Ser Lys His Lys Ser Ser Lys Ile Ile Cys Cys Ser Trp

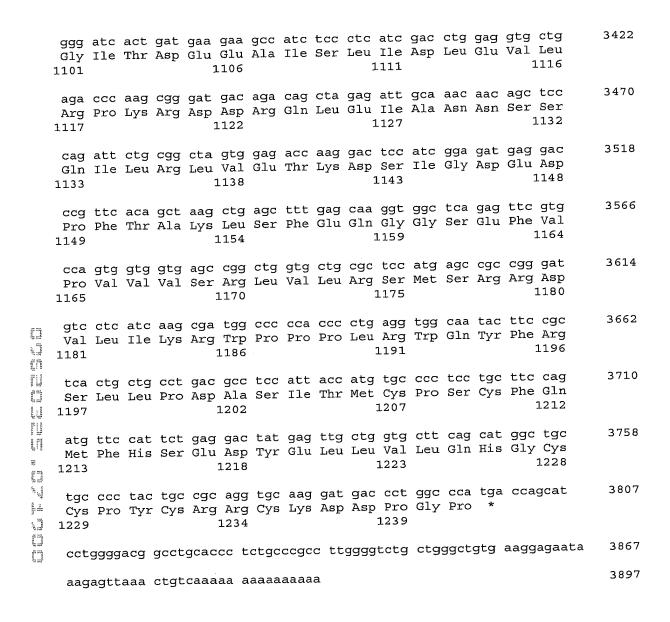
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<211> 1802
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<213> Homo sapiens

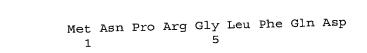
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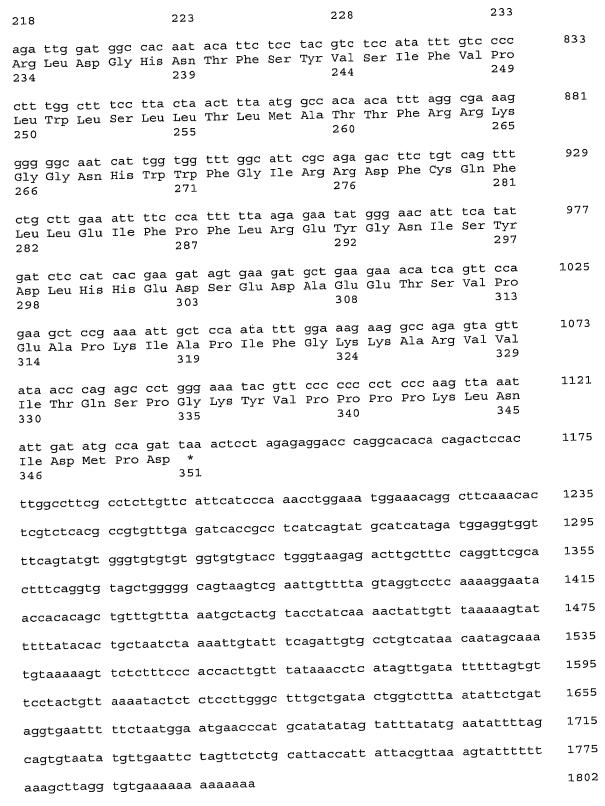
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113

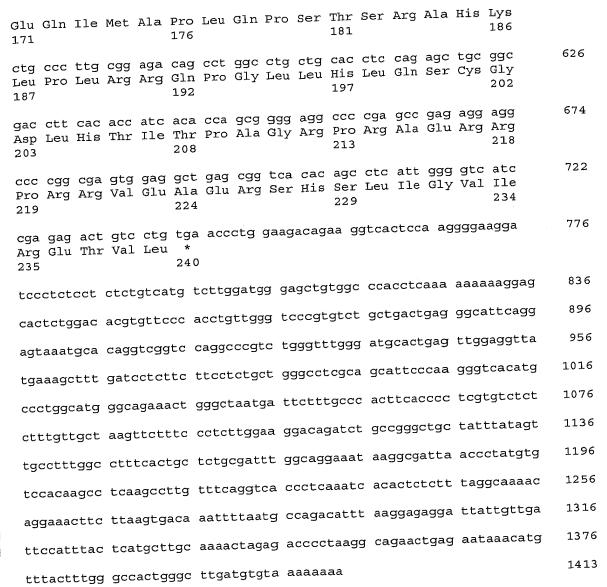
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	ggg Gly 26	ctg Leu	ctg Leu	ccc Pro	ctc Leu	cgc Arg 31	ctg Leu	gac Asp	ggc Gly	atc Ile	atc Ile 36	caa Gln	tgg Trp	agc Ser	ta Ty	ic t	:99 Trp 41	209
	gcc Ala 42	gtc Val	ttt Phe	gcc Ala	ccc Pro	ata Ile 47	tgg Trp	ctg Leu	agg Arg	aag Lys	ctt Leu 52	шси	gto Val	gtc Val	go Al	a g la (	ggc Gly 57	257
	gcc Ala 58	tcc Ser	gtg Val	ggc	gcg Ala	ggc Gly 63	gtt Val	tgg Trp	gcc Ala	cgc Arg	aac Asn 68		cgo Arg	tao Tyl	c Cg	gc ( rg '	acc Thr 73	305
	gag Glu 74	Gly	gag Glu	gcc Ala	tgt Cys	gtg Val 79	Glu	ato	aaa Lys	gcc Ala	atg Met		g ato	c gct e Ala	t gʻ a Va	tg al	ggc Gly 89	353
	atc Ile 90	His	cto Lev	ctg Lev	ctg Leu	ctc Leu 95	Met	tto Phe	gaa Glu	ı gto ı Val	cto Lev	ı val	tgo L Cy	c ga s As	са рА		gtg Val 105	401
		ago Aro	l GJ/	aco Thi	cac His	tto Phe	.r.r.	g cto Lei	g cto ı Lev	g gto ı Val	tto Phe	. 110	g cc t Pr	t ct o Le	c t u P	tc he	ttc Phe 121	449
AND AND HERE		g tco Sei	cco Pro	c gtg	g tco L Sei	gtg Val	L Ala	gco a Ala	c tgo a Cys	c gto s Val	tgg l Trj 13	P CI	c tt y Ph	t cg e Ar	a c g H	ac Iis	gat Asp 137	497
the strate strate or		g tog g Sei	g cto	g gaq u Gl	g ctq u Le	g gaq u Glu 14:	7 TT	c ct e Le	g tg u Cy	c tc s Se	g gt r Va 14		c at n Il	c ct e Le	g c	ag 31n	ttc Phe 153	545
ē.		c tto	c at e Il	c gc e Al	c ct a Le	a aa u Ly 15	s re	g ga u As	c ag p Ar	g at g Il	t at e Il 16	C 11.1	c to	g co	:g t :0 :	gg Irp	ctg Leu 169	593
		g gt 1 Va	g tt 1 Ph	t gt e Va	g cc l Pr	c ct o Le 17	u Tr	g at p Il	c ct e Le	c at u Me	g to t Se 18		c ct ie Le	et to	ys I	ctg Leu	gtc Val 185	641
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			g at ir Il	t gt le Va	cc gt al Va			g ct	cc ac	ct tt hr Pl	t ga ne Gi	ag g lu V	tc c al L	tg c eu L	tg eu	gtt Val	cac His	785



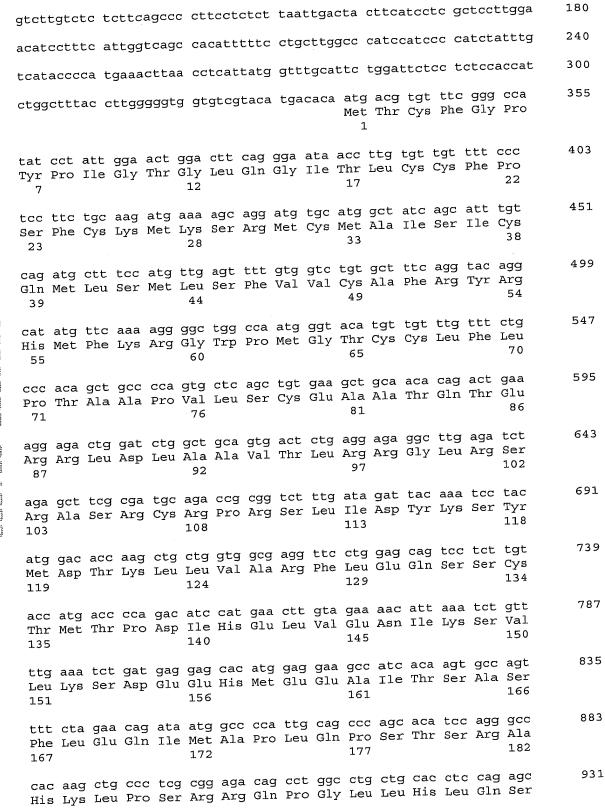
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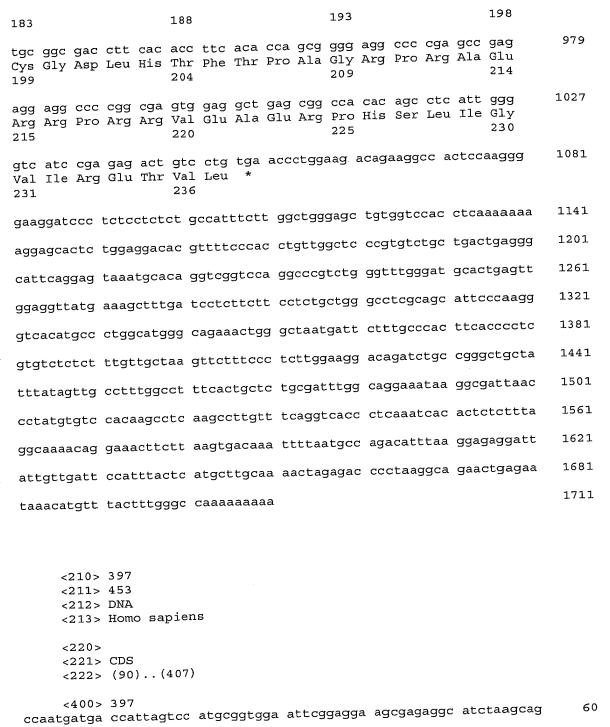


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atc atg ctc ctc cta gta act gtg tct gac tgt gct gtg atc aca ggg

Ile Met Leu Leu Val Thr Val Ser Asp Cys Ala Val Ile Thr Gly

gcagtgtttt gccttcaccc caagtgacc

atg aga ggt gcc acg cga gtc tca

Met Arg Gly Ala Thr Arg Val Ser

113

161

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cgc Arg 73	aag Lys	cac His	cac His	acc Thr	tgt Cys 78	cct Pro	tgc Cys	ttg Leu	ccc Pro	aac Asn 83	ctg Leu	ctg Leu	tgc Cys	tcc Ser	agg Arg 88
ttc Phe 89	ccg Pro	gac Asp	ggc	agg Arg	tac Tyr 94	cgc Arg	tgc Cys	tcc Ser	atg Met	gac Asp 99	ttg Leu	aag Lys	aac Asn	atc Ile	aat Asn 104
Phe	*			cct	ggtc	tcag	ga t	accc	acca	t tc	ttt	cctg	agc	aca	
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	Gly 57 cgc Arg 73 ttc Phe 89 ttt Phe 105	ggc gag Gly Glu 57  cgc aag Arg Lys 73  ttc ccg Phe Pro 89  ttt tag Phe * 105	ggc gag gag Gly Glu Glu 57  cgc aag cac Arg Lys His 73  ttc ccg gac Phe Pro Asp 89  ttt tag gcg Phe * 105  <210> <211> <212> <213> <221> <221> <222> <400> cccgggtcga ttttaaactc	ggc gag gag tgc Gly Glu Glu Cys 57  cgc aag cac cac Arg Lys His His 73  ttc ccg gac ggc Phe Pro Asp Gly 89  ttt tag gcgcttg Phe * 105  <210> 398 <211> 1735 <212> DNA <213> Homo <220> <221> CDS <222> (47) <400> 398 cccgggtcga ccc ttttaaactc cgg	ggc gag gag tgc cac Gly Glu Glu Cys His 57  cgc aag cac cac acc Arg Lys His His Thr 73  ttc ccg gac ggc agg Phe Pro Asp Gly Arg 89  ttt tag gcgcttgcct Phe * 105  <210> 398 <211> 1735 <212> DNA <213> Homo sag <220> <221> CDS <222> (473) <400> 398 cccgggtcga cccacgc ttttaaactc cggacgg	ggc gag gag tgc cac ccc           Gly Glu Glu Cys His Pro           57         62           cgc aag cac cac acc tgt           Arg Lys His His Thr Cys         78           ttc 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atg gac         Fro Cys Ser Met Asp 94           Phe Pro Asp Gly Arg Tyr Arg Cys Ser Met Asp 94         Pop 99           ttt tag gcgcttgct ggtctcagga tacccaccat tc         Fro Cys Ser Met Asp 99           105         1735           210> DNA         213> Homo sapiens           220>         221> CDS           221> CDS         222> (473)(1201)           400> 398         cccaggtcga ccacggtc cggcgcgct cggcgctcggcgcgcgcgcgcgcg	ggc Gly Glu Glu Glu Cys His Pro Gly Ser His Lys Ile Pro Gly Ser Met Asn Leu R3           cgc aag cac cac acc tgt Cys Leu Pro Cys Leu Pro Asn Leu R3           ttc ccg gac ggc agg tac Pro Cys Ser Met Asp Leu Pro Asp Gly Arg Tyr Arg Cys Ser Met Asp Leu Pro Ser Met Asp Leu P	ggc gag         gag gag         tgc cac         ccc ggc agc         agc cac aag atc ccc ttc ccc         ttc ccc ttc ccc         ttc ccc day ser His Lys         Tle Pro Phe Acc acc ccc acc acc tgt cct tgc ttg ccc acc acc ctg ccc acc acc acc acc acc acc acc acc ac	ggc gly glag gag gag gly gly 57         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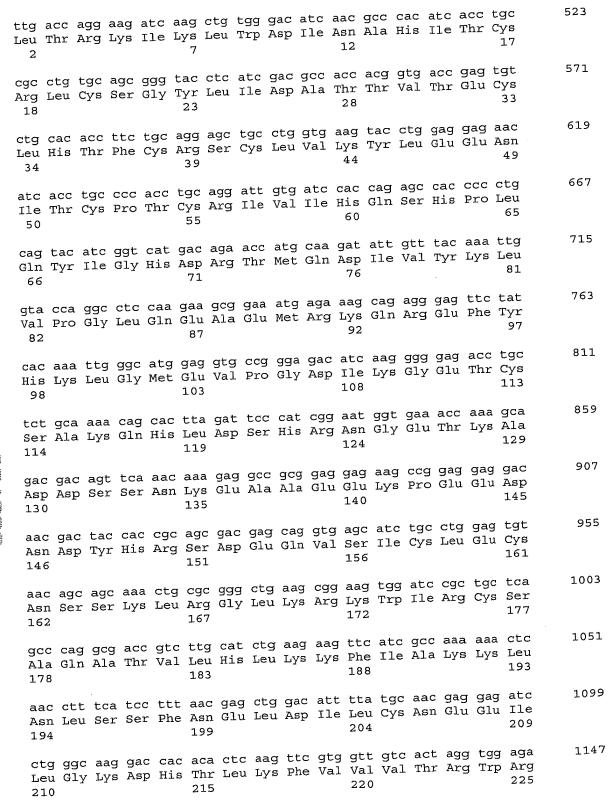
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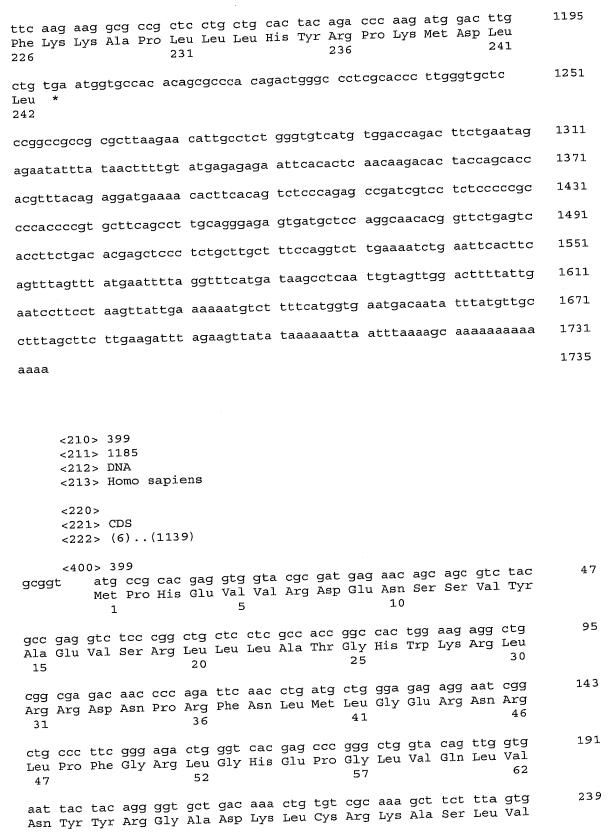
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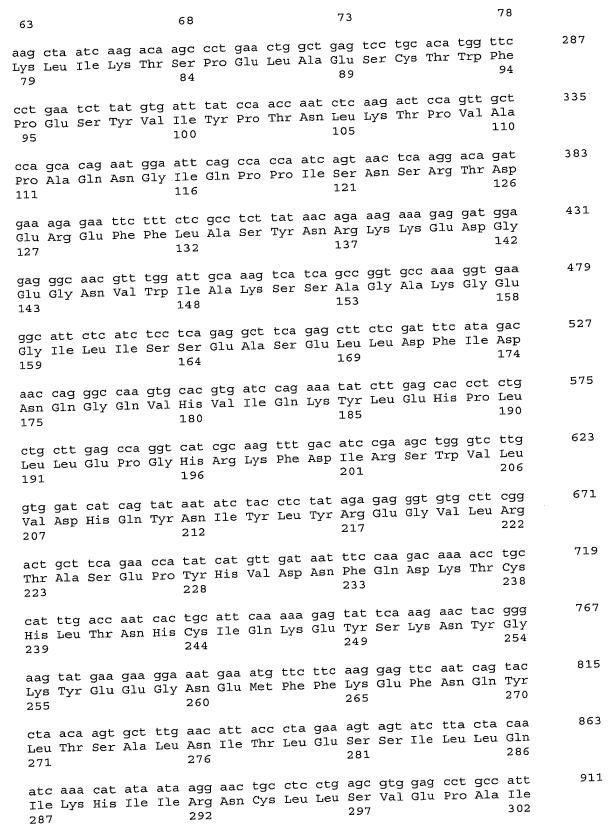
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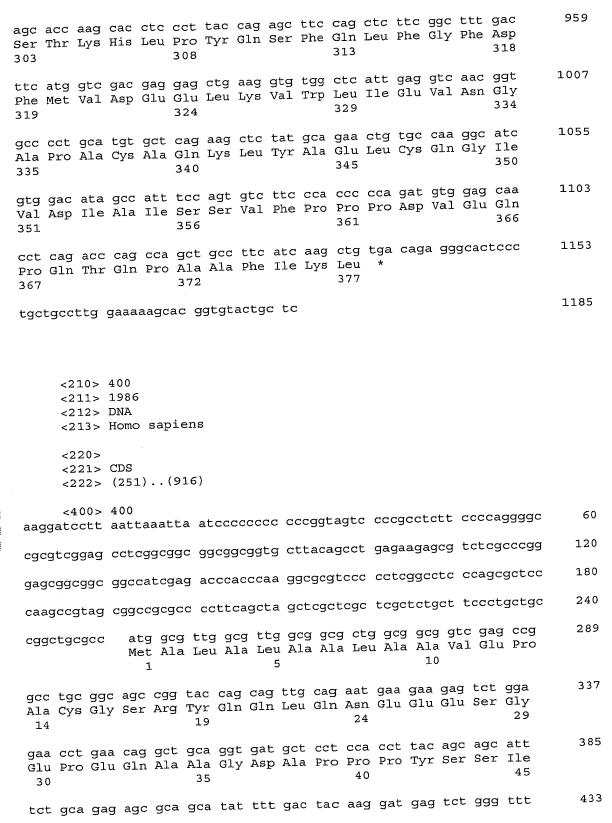
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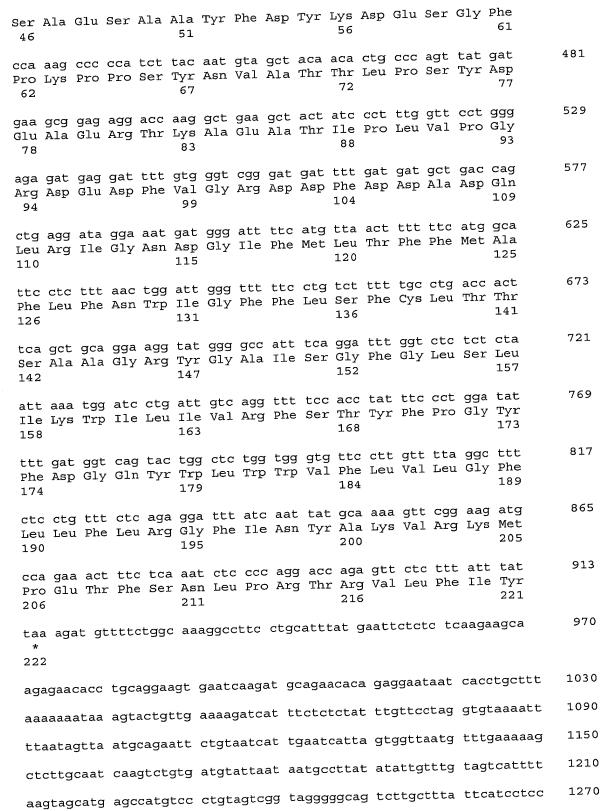
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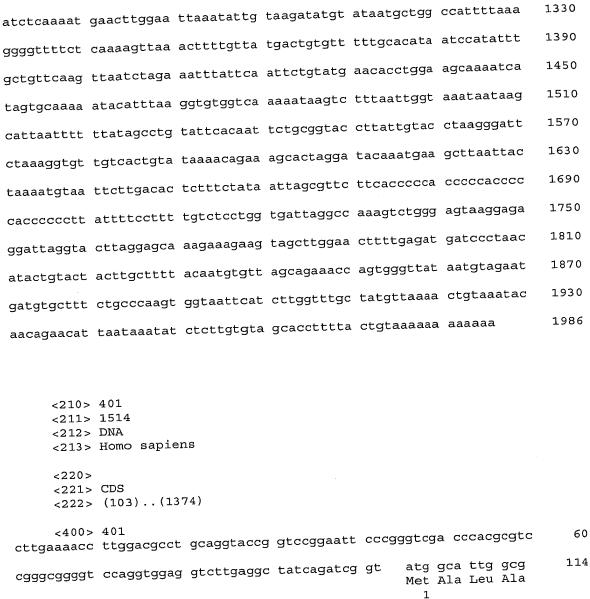




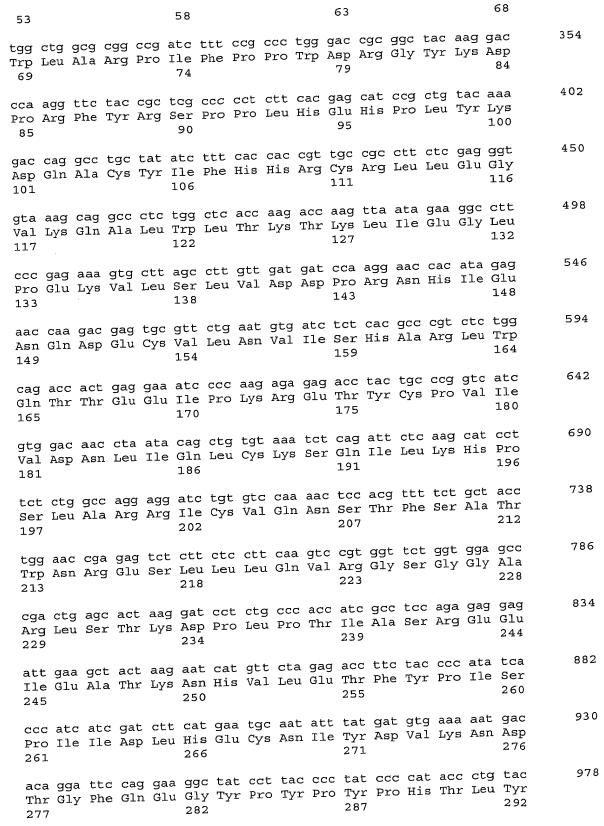




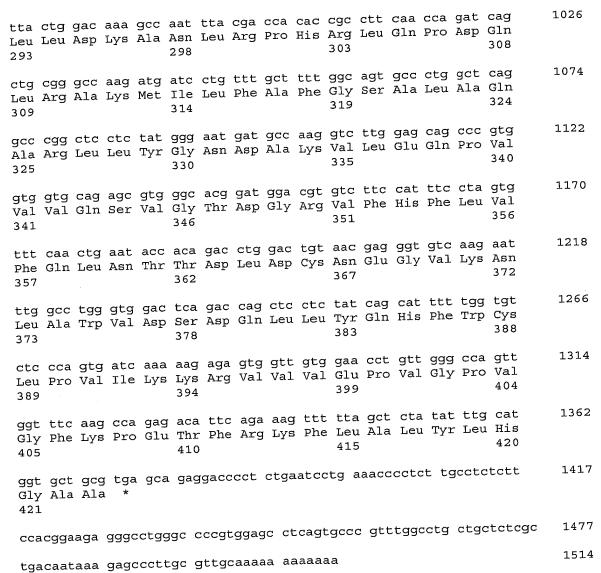




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999 G1	g ggc y Gly 1	ttc Phe	gly ggg	gcc Ala	ccg Pro 26	aga Arg	cgc Arg	Gly ggg	gcg Ala	tat Tyr 31	gag Glu	tgg Trp	ggc Gly	gtg Val	cgc Arg 36	:	210
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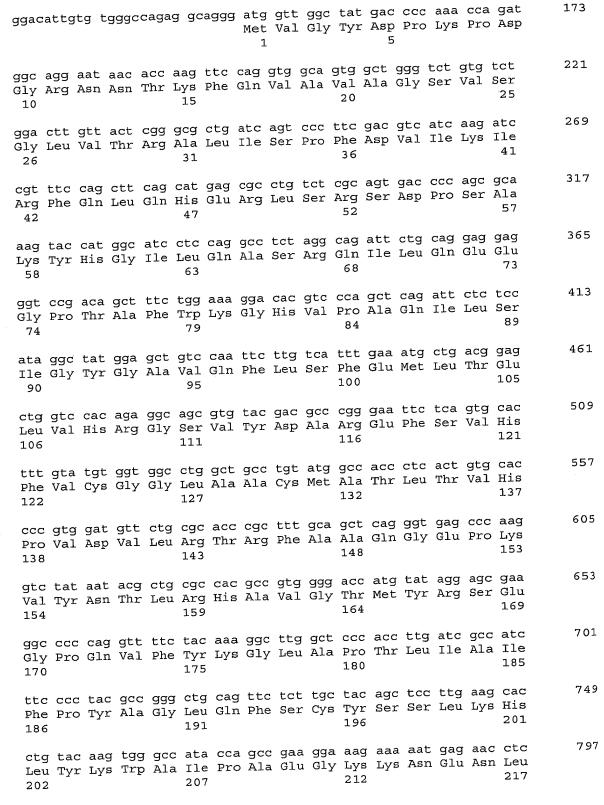


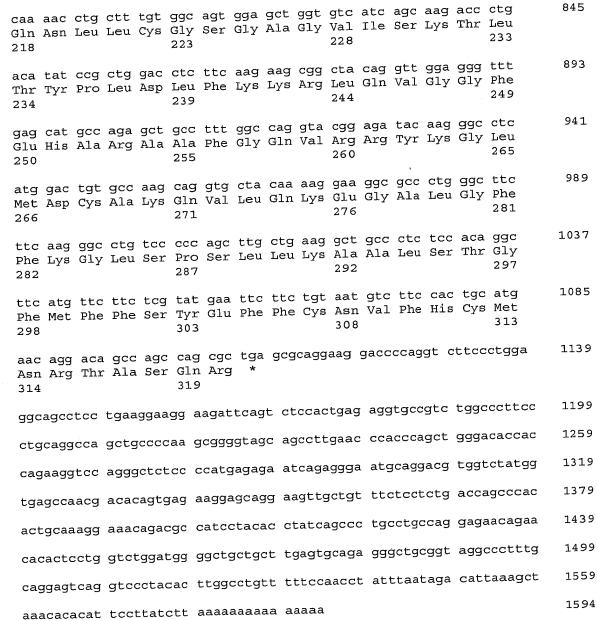
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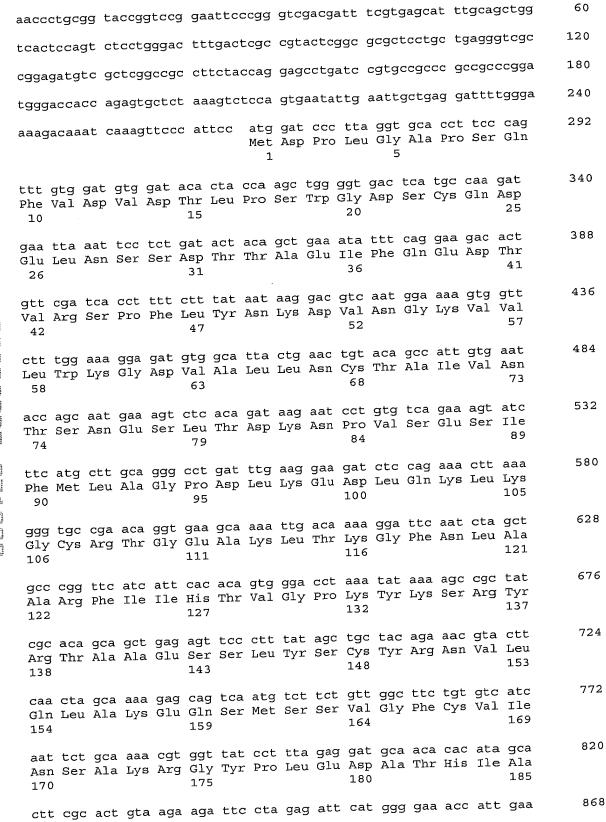
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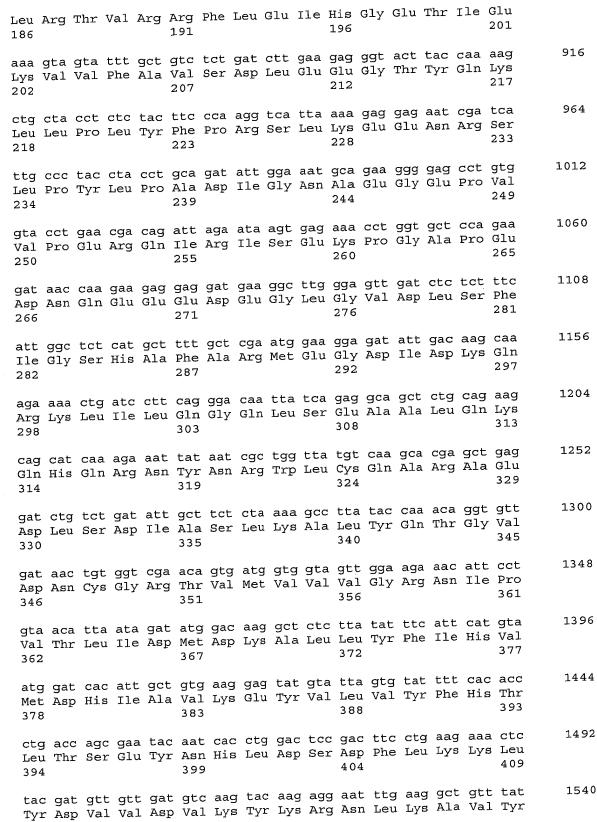
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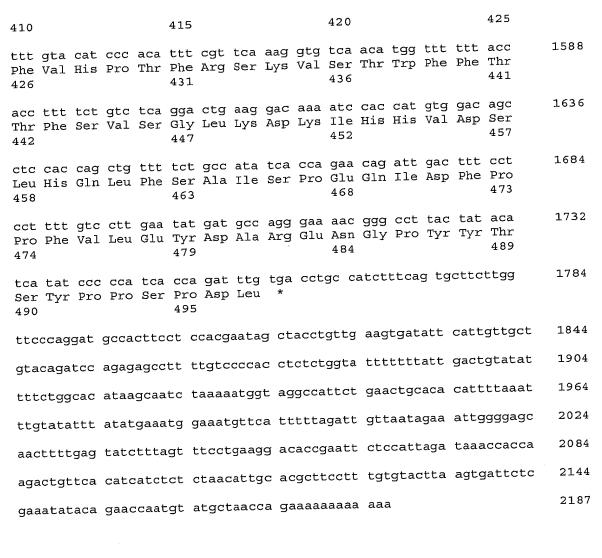
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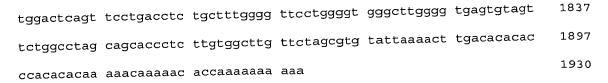


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cac His 33	cgg Arg	ctg Leu	tgc Cys	Gly 999	gac Asp 38	ctg Leu	gtc Val	agc Ser	tgc Cys	ttc Phe 43	cag Gln	gag Glu	cgc Arg	gcc Ala	cgc Arg 48	381
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аа <u>с</u> Ьуя 145	arc	g Cto	g aag ı Lys	g gag s Glu	gtt Val 150	. GIU	gct Ala	tcc Ser	aag Lys	aaa Lys 155	o oct	tac Tyi	c cac His	gca Ala	gcc Ala 160	717
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ga Gl <sup>.</sup> 19	u Ar	c tg g Cy	t gc s Al	c aag a Ly:	g gag s Glu 198	a Ala	c gag a Gli	g aaq u Lys	g ac	a aaa r Lya 20	D 77.	t ca a Gl:	g tai	r Gl	g cag u Gln 208	861
ac Th 20	r Le	g gc u Al	a ga a Gl	g ct u Le	g cat u Hi: 21	s Ar	c ta g Ty	c ac	t cc r Pr	a cg o Ar 21	9 гу	c at r Me	g gag t Gl	g ga u As	c atg p Met 224	909
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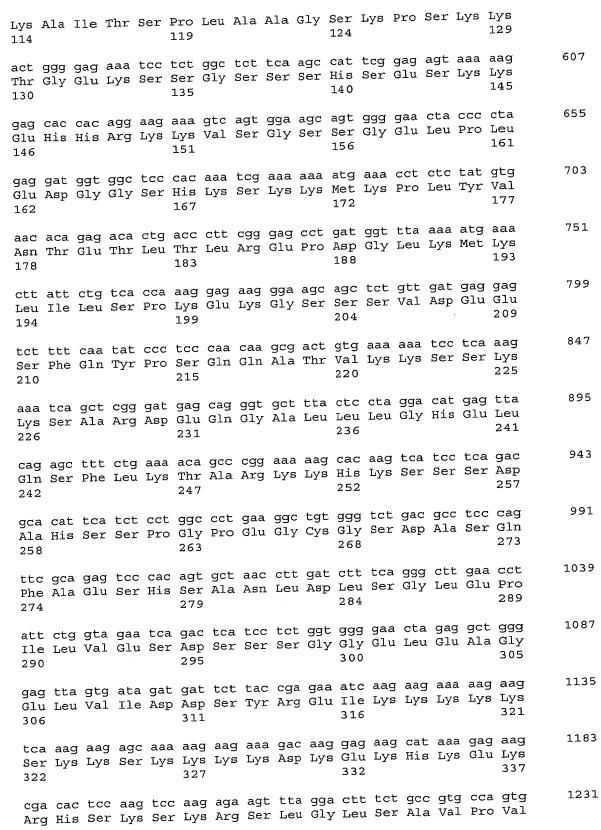




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agg gca ctc tat gac Arg Ala Leu Tyr Asp 369	tac gct ggc Tyr Ala Gly 374	cag gaa gct ga Gln Glu Ala As 379	at gag ctg agc sp Glu Leu Ser	ttc 1389 Phe 384
cga gca ggg gag gag Arg Ala Gly Glu Glu 385	g ctg ctg aag 1 Leu Leu Lys 390	atg agt gag ga Met Ser Glu Gl 395	ag gac gag cag lu Asp Glu Gln	ggc 1437 Gly 400
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aac tac gtg gag tgt Asn Tyr Val Glu Cys 417	t gtg ggc gcc s Val Gly Ala 422	: tga gtgtc ctg. a *	acagece ttetge	caacg 1537
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4 12

	338					343					348					353	
	gga Gly 354	gag Glu	gtc Val	aca Thr	gtg Val	aca Thr 359	tct Ser	ggc	cct Pro	cct Pro	ccc Pro 364	agc Ser	atc Ile	cca Pro	tac Tyr	gct Ala 369	1279
	gga Gly 370	gca Ala	gca Ala	gca Ala	cct Pro	ccc Pro 375	ctg Leu	cca Pro	ctt Leu	cct Pro	ggc 380	ctc Leu	cac His	aca Thr	gat Asp	385 385	1327
	cat His 386	agt Ser	gaa Glu	aaa Lys	aaa Lys	aaa Lys 391	aaa Lys	aaa Lys	aaa Lys	gag Glu	aag Lys 396	gac Asp	aaa Lys	gag Glu	aga Arg	gag Glu 401	1375
	aga Arg 402	gga Gly	gaa Glu	aag Lys	cca Pro	aaa Lys 407	aag Lys	aag Lys	aac Asn	atg Met	tcg Ser 412	gcc Ala	tac Tyr	cag Gln	gtg Val	ttc Phe 417	1423
	tgt Cys 418	aaa Lys	gag Glu	tat Tyr	cgc Arg	gtg Val 423	acc Thr	att Ile	gtg Val	gct Ala	gac Asp 428	cat His	cca Pro	ggt Gly	ata Ile	gat Asp 433	1471
	ttt Phe 434	Gly aaa	gaa Glu	ctt Leu	agt Ser	aaa Lys 439	aaa Lys	ctg Leu	gct Ala	gag Glu	gtg Val 444	tgg Trp	aag Lys	caa Gln	tta Leu	cca Pro 449	1519
	gaa Glu 450	Lys	gac Asp	aaa Lys	ctg Leu	att Ile 455	tgg Trp	aag Lys	caa Gln	aaa Lys	gct Ala 460	cag Gln	tat Tyr	ctg Leu	cag Gln	cac His 465	1567
	aaa Lys 466	Gln	aac Asn	aaa Lys	gca Ala	gaa Glu 471	Ala	aca Thr	act Thr	gtg Val	aaa Lys 476	Arg	aaa Lys	gca Ala	tcc Ser	agc Ser 481	1615
inti '(1300 ci 1641)	tca Ser 482	Glu	ggt Gly	tcc Ser	atg Met	aaa Lys 487	Val	aaa Lys	gcc Ala	tct Ser	tct Ser 492	· vaı	gga Gly	gta Val	ctg Leu	tca Ser 497	1663
, (tari,	ccc Pro	Gln	aag Lys	aag Lys	tcc Ser	cca Pro 503	Pro	acc Thr	acc Thr	ato Met	ctg Leu 508	LLeu	. cca . Prc	gcc Ala	tca Ser	cca Pro 513	1711
	gcc Ala 514	Lys	gcc Ala	cct a Pro	gag Glu	aca Thr	Glu	ccc Pro	att Ile	gat Asp	gtt Val 524	. Ale	gct Ala	cat His	ctt Lei	cag Gln 529	1759
	cts Lev	ı Lev	g gga	a gaq / Gli	g tcc ı Ser	cta Lev 535	ı Ser	cto Lev	att ı Ile	gga Gly	a cac / His	s Arc	ctg Lei	g cag ı Glr	g gaa n Glu	a act 1 Thr 545	1807
	gag Glu 546	ı Gly	ato Met	g gto	g gct l Ala	gtg a Val 551	L Sei	Gly	agt 7 Sei	tto Lei	g tca 1 Sei 550	c va.	g ctt L Lei	ctg Lei	g gat ı Ası	tcc Ser 561	1855
	att Ile 562	e Ile	c tgi e Cyi	t gc	c ctt a Lei	= gg 1 Gly 56	y Pro	c ttg D Lei	g gca ı Ala	a tgi a Cyi	t cto s Let 57:	u Th	c aca	a caa r Gli	a cta n Le	a cct u Pro 577	1903





gaa ttg aat ggc tgt ccc aaa cag gtc ttg tca aac aca tta gac aac Glu Leu Asn Gly Cys Pro Lys Gln Val Leu Ser Asn Thr Leu Asp Asn 578 583 588 593	1951
att gct tac acc acg ccg gga ctg tga cagca aagaatcctg ggacagaaac Ile Ala Tyr Thr Thr Pro Gly Leu * 594	2003
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agegeatete tttatggaca getaaaatgt gattatttte caageteagt tggaceteea	2363
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gagttaactg	tgctttcttc	tcctggccct	gacagagcac	tacagcatca	aagtaaatct	3503
	tgtagcccat					3563
	ctatgttgct					3623
	gatttaattg					3683
	aatcttaact					3743
	gtttcctgtt					3803
	acattaatcc					3863
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	tgtataataa					3983
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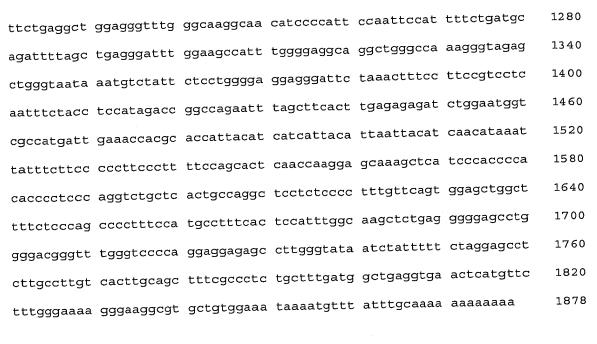
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tacagetgea geececagag gtetggteee citgaeeegtg ceaaceceat agecatgaet 180
teetgacaga tgccategtg aggaaa atg age egg atg tie tgt eag get geg 233
Met Ser Arg Met Phe Cys Gln Ala Ala
1 5

aga gtg gac ctg acg ctg gac cct gac acg gct cac ccg gcc ctg atg
Arg Val Asp Leu Thr Leu Asp Pro Asp Thr Ala His Pro Ala Leu Met
10 ctg tcc cct gac cgc cgg ggg gtc cgc ctg gca gag cgg cag gag
Leu Ser Pro Asp Arg Arg Gly Val Arg Leu Ala Glu Arg Arg Gln Glu

	26					31					36		41				
	gtt Val 42	gct Ala	gac Asp	cat His	ccc Pro	aag Lys 47	cgc Arg	ttc Phe	tcg Ser	gcc Ala	gac Asp 52	tgc Cys	tgc Cys	gta Val	ctg Leu	ggg Gly 57	377
	gcc Ala 58	cag Gln	ggc Gly	ttc Phe	cgc Arg	tcc Ser 63	ggc Gly	cgg Arg	cac His	tac Tyr	tgg Trp 68	gag Glu	gta Val	gag Glu	gtg Val	ggc Gly 73	425
	ggg Gly 74	cgg Arg	cgg Arg	ggc	tgg Trp	gcg Ala 79	gtg Val	ggt Gly	gct Ala	gcc Ala	cgt Arg 84	gaa Glu	tca Ser	acc Thr	cat His	cat His 89	473
	aag Lys 90	gaa Glu	aag Lys	gtg Val	ggc Gly	cct Pro 95	Gly aaa	ggt Gly	tcc Ser	tcc Ser	gtg Val 100	ggc	agc Ser	Gly aaa	gat Asp	gcc Ala 105	521
	agc Ser 106	tcc Ser	tcg Ser	cgc Arg	cat His	cac His 111	cat His	cgc Arg	cgc Arg	cgc Arg	cgg Arg 116	цец	cac His	ctg Leu	ccc Pro	cag Gln 121	569
	cag Gln 122	ccc Pro	ctg Leu	ctc Leu	cag Gln	cgg Arg 127	Glu	gtg Val	tgg Trp	tgc Cys	gtg Val 132	GIY	acc Thr	aac Asn	ggc Gly	aaa Lys 137	617
THE PART AND THE THE PARTY OF T	cgc Arg 138	tat Tyr	cag Gln	gcc	cag Gln	agc Ser 143	Ser	aca Thr	gaa Glu	. cag . Gln	acg Thr 148	. пеи	ctg Lev	agc Ser	ccc Pro	agt Ser 153	665
Anth III Arm marg	gag Glu 154	Lys	cca Pro	agg Arg	cgc Arg	ttt Phe	e GTY	gtg Val	tac Tyr	ctg Lev	gac Asp 164	о тат	gaa Glu	gct Ala	ggg Gly	cgc Arg 169	713
	ctg Leu 170	. Gly	tto Phe	tac Tyr	aac Asn	gca Ala 175	a GIV	act Thr	cta Leu	gco 1 Ala	c cac His	s val	g cad	aco Thi	tto Phe	tcg Ser 185	761
e the	gct Ala 186	Ala	tto Phe	cto Lei	ı Gly	gag Glu 193	ı Arg	gto y Val	ttt L Phe	c cct e Pro	tto Pho 190	5 P110	c cg	g gto g Val	g cto l Le	tcc Ser 201	809
	aag Lys 202	Gly	aco Thi	c cgo	c ato	aag E Lys 20'	s Lei	c tgo ı Cy:	c cct s Pro	t tg	a t i	tatco	ctgc	ca c	ccgc	agggg	860
	ccc	cctct	gtc	agca	actt	3 <b>9</b> 9 9	gggt	gggt	gg t	ggag	ggtg	g cc	cgta	agtt	tga	gggctca	920
																aggcccc	980
																tctcacc	1040
																ctggtct	1100
	tc	tata	ccag	tct	gcct	agc	ccag	ccct	aa a	actg	gaat	t tg	agta	.9999	atg	aggggaa	1160
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I	Arg 52	Lys	ГЛа	Thr	Met	Lys 57	Thr	Gly	Phe .	Asp	Phe 62	Asn	Ile	Met	Val	Val 67	
(	ggc 68	cag Gln	agt Ser	gga Gly	ctg Leu	ggc Gly 73	aaa Lys	tca Ser	acg Thr	ctg Leu	gtc Val 78	aac Asn	acg Thr	ctc Leu	ttc Phe	aaa Lys 83	416
	tcc Ser 84	caa Gln	gtg Val	agc Ser	cgc Arg	aag Lys 89	gcc Ala	tcc Ser	agc Ser	tgg Trp	aac Asn 94	cgg Arg	gag Glu	gag Glu	aag Lys	atc Ile 99	464
	ccc Pro 100	aag Lys	aca Thr	gtg Val	gag Glu	atc Ile 105	aaa Lys	gct Ala	atc Ile	ggg Gly	cat His 110	gtg Val	ata Ile	gag Glu	gaa Glu	ggc Gly 115	512
	ggt Gly 116	gtc Val	aaa Lys	atg Met	aag Lys	ctg Leu 121	acc Thr	gtc Val	atc Ile	gac Asp	acc Thr 126	cca Pro	ggc Gly	ttt Phe	gga Gly	gac Asp 131	560
	caa Gln 132	atc Ile	aac Asn	aat Asn	gaa Glu	aac Asn 137	tgc Cys	tgg Trp	gag Glu	ccc Pro	att Ile 142	gag Glu	aag Lys	tac Tyr	atc Ile	aat Asn 147	608
	gag Glu 148	Gln	tac Tyr	gaç Glu	g aag 1 Lys	ttc Phe 153	ctg Leu	aag Lys	gag Glu	gag Glu	gtc Val 158	ADII	atc Ile	gcc Ala	agg Arg	aag Lys 163	656
	aaa Lys 164	Arg	ato Ile	c cct	gac Asp	act Thr 169	Arg	gtc Val	cac His	tgc Cys	tgc Cys 174	пси	tac Tyr	ttc Phe	atc Ile	tct Ser 179	704
	ccc Pro	Thi	gga Gly	a cad	c tcc s Ser	ttg Leu 185	. Arg	cct Pro	ctg Leu	gat Asp	ctt Leu 190	GIU	tto Phe	atg Met	aaa Lys	cac His 195	752
a man arms de		ago a Se:	c aag	g gt s Va	t gtg l Val	g aac L Asn 201	TTE	ato e Ile	c cct e Pro	gto Val	att 11e	5 MIC	aag a Lys	gct Ala	gac Asp	acc Thr 211	800
	ato Met	Th	c ct r Le	g ga u Gl	u Glı	л ГА	s Sei	C GTI	a tto u Phe	; nys	9 GTI	T TATE	g gtt g Val	cgo L Arg	aaq J Lys	g gag s Glu 227	848
		t ga u Gl	a gt u Va	a aa l As	t ggo n Gl	c att y Ile 23:	e GT	a tto u Pho	c tac e Tyi	c ccc	c cas o Gli 23	шу	g gaa s Glu	a ttt u Phe	ga As	t gag p Glu 243	896
		t tt p Le	g ga u Gl	g ga u As	it aa sp Ly	g acg s Th: 24:	r GI	g aa u As	t gad n Asj	c aas o Lys	a at s Il 25	C AL	g cag g Gli	g gaq n Gl	g ag u Se	c atg r Met 259	944
		t tt	t go le Al	t gt .a Va	g gt al Va	g gg 1 Gl 26	y Se	t ga r As	c aa p Ly	g ga s Gl	g ta u Ty 27	T GT	a gt n Va	g aa 1 As	t gg n Gl	c aag y Lys 275	992
			c ct	eu Gi	gc cg ly Ar	a aa g Ly	a ac	t co r Pr	a tg o Tr	р G1 Э ЭЭ	g at y Il	c at e Il	.c ga .e Gl	a gt u Va	g ga 1 Gl	ia aac .u Asn	1040

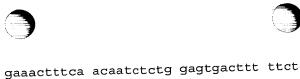




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cac ctc cag gac ctc a His Leu Gln Asp Leu I 308	aag gaa gtg aca cac Lys Glu Val Thr His 313	aac atc cac tat gag Asn Ile His Tyr Glu 318	act 1136 Thr 323
tac agg gcc aag cgg o Tyr Arg Ala Lys Arg 1 324	ctc aat gac aat gga Leu Asn Asp Asn Gly 329	ggc ctc cct ccg gt Gly Leu Pro Pro Va 334	g agc 1184 l Ser 339
gtg gac aca gag gaa Val Asp Thr Glu Glu 340	agc cac gac agt aac Ser His Asp Ser Asn 345	cca tga cgac cactt Pro * 350	ctctg 1234
tgtcatcaca catacccac	t tcacacacac acatcc	caaa taccaccacc aac	caccttc 1294
ttcctctcaa ctctgtccc			
gtgtgtgtgt gtgtgtgtg			
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	et teeteggeea ggeeg		225
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gcg gag cag ccg atg Ala Glu Gln Pro Met	g cgc tac gag acc ct t Arg Tyr Glu Thr Le	c ttc cag gca ctg c eu Phe Gln Ala Leu <i>I</i>	ac cgc 211 sp Arg

aat ggg gac gga gtg gtg gac atc ggc gag ctg cag gag ggg ctc agg Asn Gly Asp Gly Val Val Asp Ile Gly Glu Leu Gln Glu Gly Leu Arg aac ctg ggc atc cct ctg ggc cag gac gcc gag gag aaa att ttt act Asn Leu Gly Ile Pro Leu Gly Gln Asp Ala Glu Glu Lys Ile Phe Thr act gga gat gtc aac aaa gat ggg aag ctg gat ttt gaa gaa ttt atg Thr Gly Asp Val Asn Lys Asp Gly Lys Leu Asp Phe Glu Glu Phe Met aag tac ctt aaa gac cat gag aag aaa atg aaa ttg gca ttt aag agt Lys Tyr Leu Lys Asp His Glu Lys Lys Met Lys Leu Ala Phe Lys Ser tta gac aaa aat aat gat gga aaa att gag gct tca gaa att gtc cag Leu Asp Lys Asn Asn Asp Gly Lys Ile Glu Ala Ser Glu Ile Val Gln tet etc cag aca etg ggt etg act att tet gaa caa caa gea gag ttg Ser Leu Gln Thr Leu Gly Leu Thr Ile Ser Glu Gln Gln Ala Glu Leu att ctt caa agc att gat gtt gat ggg aca atg aca gtg gac tgg aat Ile Leu Gln Ser Ile Asp Val Asp Gly Thr Met Thr Val Asp Trp Asn 1.35 gaa tgg aga gac tac ttc tta ttt aat cct gtt aca gac att gag gaa Glu Trp Arg Asp Tyr Phe Leu Phe Asn Pro Val Thr Asp Ile Glu Glu att atc cgt ttc tgg aaa cat tct aca gga att gac ata ggg gat agc Ile Ile Arg Phe Trp Lys His Ser Thr Gly Ile Asp Ile Gly Asp Ser tta act att cca gat gaa ttc acg gaa gac gaa aaa aaa tcc gga caa Leu Thr Ile Pro Asp Glu Phe Thr Glu Asp Glu Lys Lys Ser Gly Gln tgg tgg agg cag ctt ttg gca gga ggc att gct ggt gct gtc tct cga Trp Trp Arg Gln Leu Leu Ala Gly Gly Ile Ala Gly Ala Val Ser Arg aca age act gee eet ttg gae egt etg aaa ate atg atg eag gtt eac Thr Ser Thr Ala Pro Leu Asp Arg Leu Lys Ile Met Met Gln Val His ggt tca aaa tca gac aaa atg aac ata ttt ggt ggc ttt cga cag atg Gly Ser Lys Ser Asp Lys Met Asn Ile Phe Gly Gly Phe Arg Gln Met gta aaa gaa gga ggt atc cgc tcg ctt tgg agg gga aat ggt aca aac Val Lys Glu Gly Gly Ile Arg Ser Leu Trp Arg Gly Asn Gly Thr Asn 

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	cag Gln 274	tac Tyr	aag Lys	aag Lys	tta Leu	ctt Leu 279	act Thr	gaa Glu	gaa Glu	gga Gly	caa Gln 284	aaa Lys	ata Ile	gga Gly	aca Thr	ttt Phe 289	979
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	gaa Glu 338	ggc Gly	ttg Leu	gga Gly	gct Ala	ttt Phe 343	tac Tyr	aaa Lys	ggc Gly	tat Tyr	gtt Val 348	ccc Pro	aat Asn	tta Leu	tta Leu	ggt Gly 353	1171
The trap day with	atc Ile 354	ata Ile	cct Pro	tat Tyr	gca Ala	ggc Gly 359	Ile	gat Asp	ctt Leu	gct Ala	gtg Val 364		gag Glu	ctc Leu	ttg Leu	aag Lys 369	1219
Mart 1887 SE	tcc Ser 370	Tyr	tgg Trp	ctg Leu	gat Asp	aat Asn 375	Phe	gca Ala	aaa Lys	gat Asp	tct Ser 380	. vai	aac Asn	cct Pro	gga Gly	gtc Val 385	1267
Hall He diese Start	atg Met 386	Val	ttg Leu	ctg Leu	gga Gly	tgc Cys 391	GIY	gcc Ala	tta Lei	tco Ser	ago Ser 396	. 1111	tgt Cys	ggt Gl	cag Gln	ctg Leu 401	1315
Sale Sale	gcc Ala 402	Ser	tac Tyr	cca Pro	ttg Lev	gct Ala 407	а ьес	gtg Val	g aga L Arg	a act g Thi	cgo Arg 412	y MC	g cag	g gct n Ala	caa a Glr	gcc Ala 417	1363
	atg Met	: Le	a gaa ı Glu	a ggt a Gly	tco Sei	e cca Pro 423	o GIr	g cto Lei	g aat 1 Asi	t atq n Met	g gti Va: 42	r GT	c cto / Le	tt: 1 Ph	t cga e Arg	a cga g Arg 433	1411
	att Ile 434	e Ile	t tco e Sei	c aaa c Lys	a gaa s Gli	a gg 1 Gl; 43	λ 11¢	a cca e Pro	a gg o Gl	a cti y Lei	t ta u Ty 44	T WT	a gg	c at y Il	c ace	c cca r Pro 449	1459
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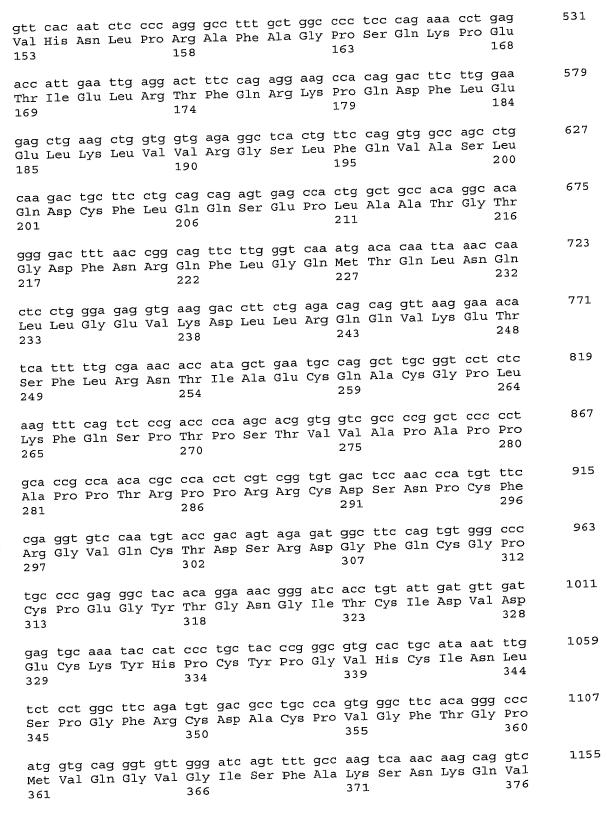


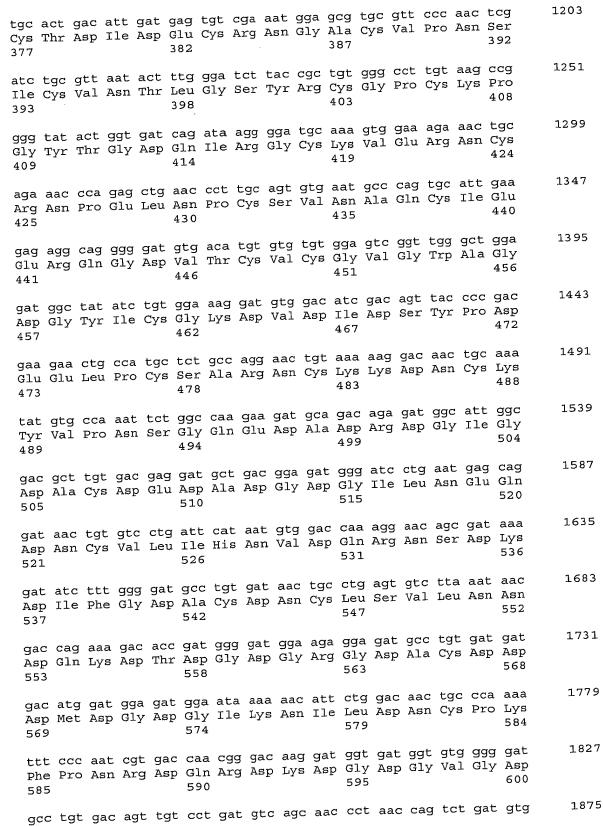


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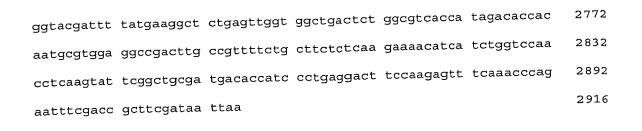






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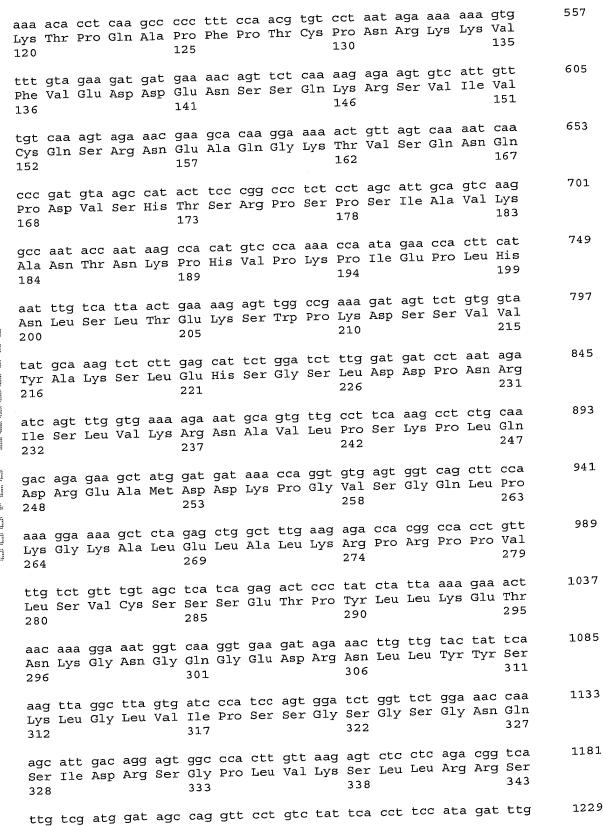
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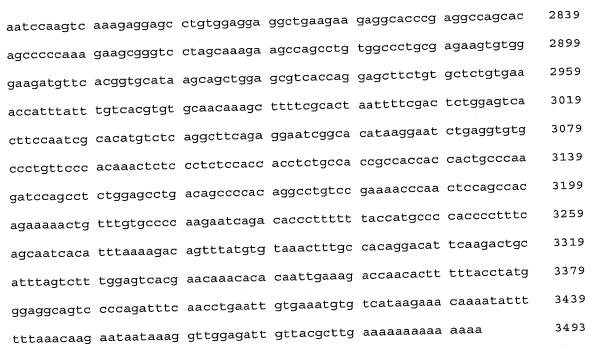
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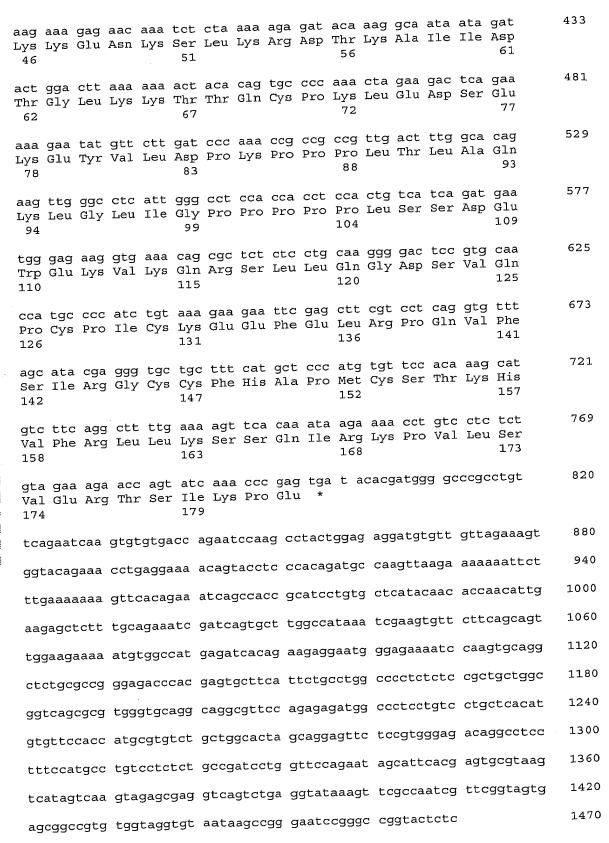
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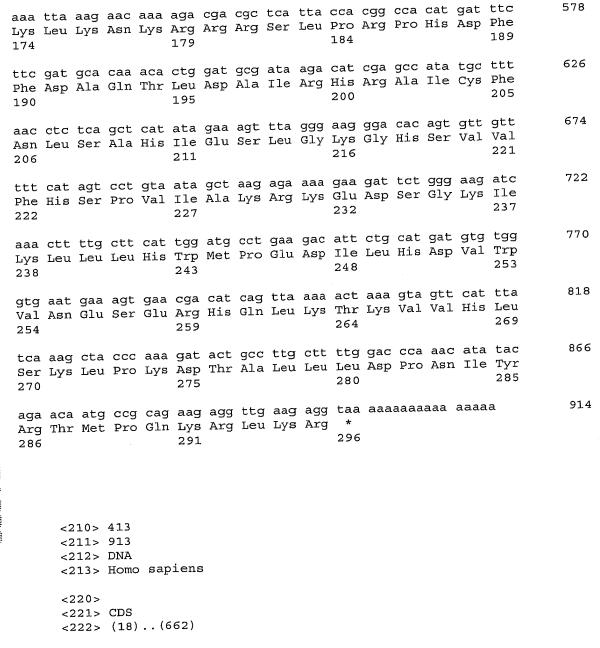


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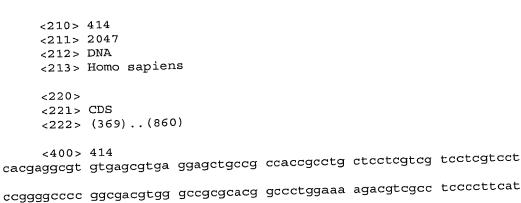
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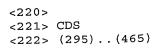
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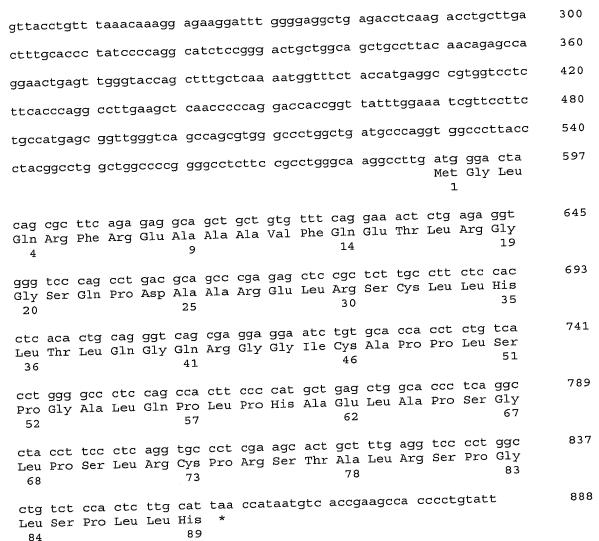
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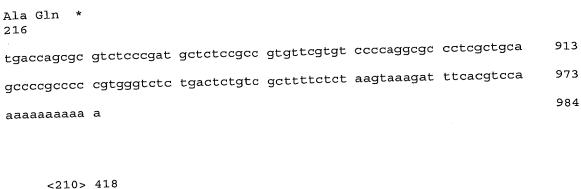
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	168 Gl <sub>2</sub>	/ Tyi	c cgo Arg	g Ala	a gco a Ala	aag Lys 173	GIU	g gag ı Glu	g cgc Arg	: aag j Lys	999 Gl <sub>y</sub>	FIC	aco Th:	c cag r Gli	g gct n Ala	ggg Gly 183	701
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